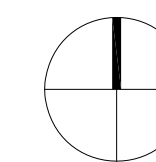


Peirce Elementary School

Accessibility Improvements

170 Temple Street, Newton, MA



Locus Map

Drawing List

- A1.0 HCP Lift Demo, New Work & RCP's
- A2.0 Interior Elevations & Sections
- S1.1 Structural HCP Lift & New Work Plans/Details
- H1.0 HVAC Demolition Partial Plans
- H2.0 HVAC Partial Plans
- E1.0 Electrical Demo & New Work Plans
- E2.0 Electrical Demolition Partial Plans
- E3.0 Electrical Power Wiring Partial Plans
- E3.1 Electrical Lighting Partial Plans

Owner

City of Newton
Public Buildings Department
52 Elliot Street
Newton Highlands, MA 02461
617 796 1600

Architect

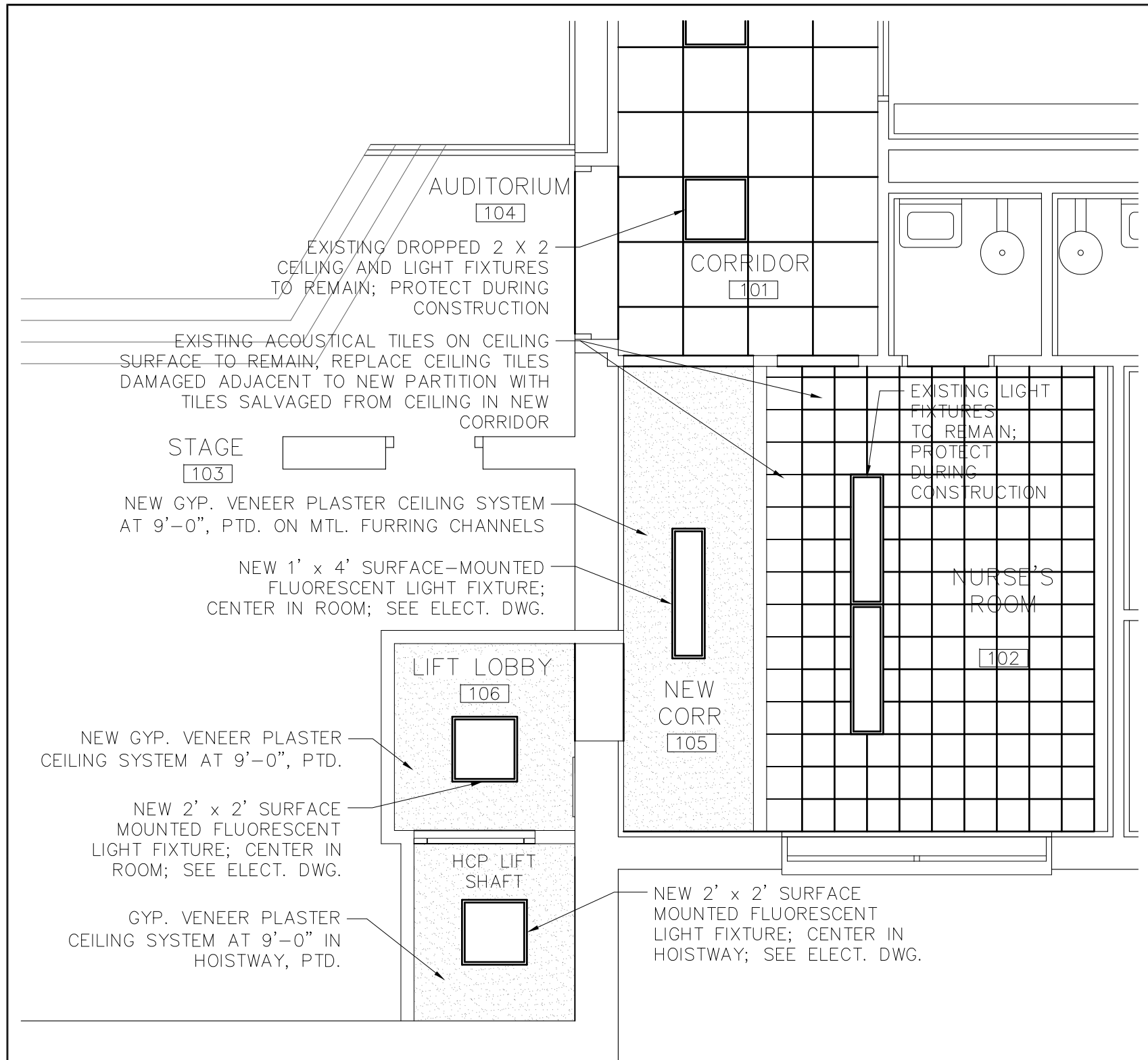
 **McGinley Kalsow
& Associates, Inc.**
ARCHITECTS & PRESERVATION PLANNERS
324 Broadway PO Box 45248
Somerville, MA 02145
P 617 625 8901
F 617 625 8902

Structural

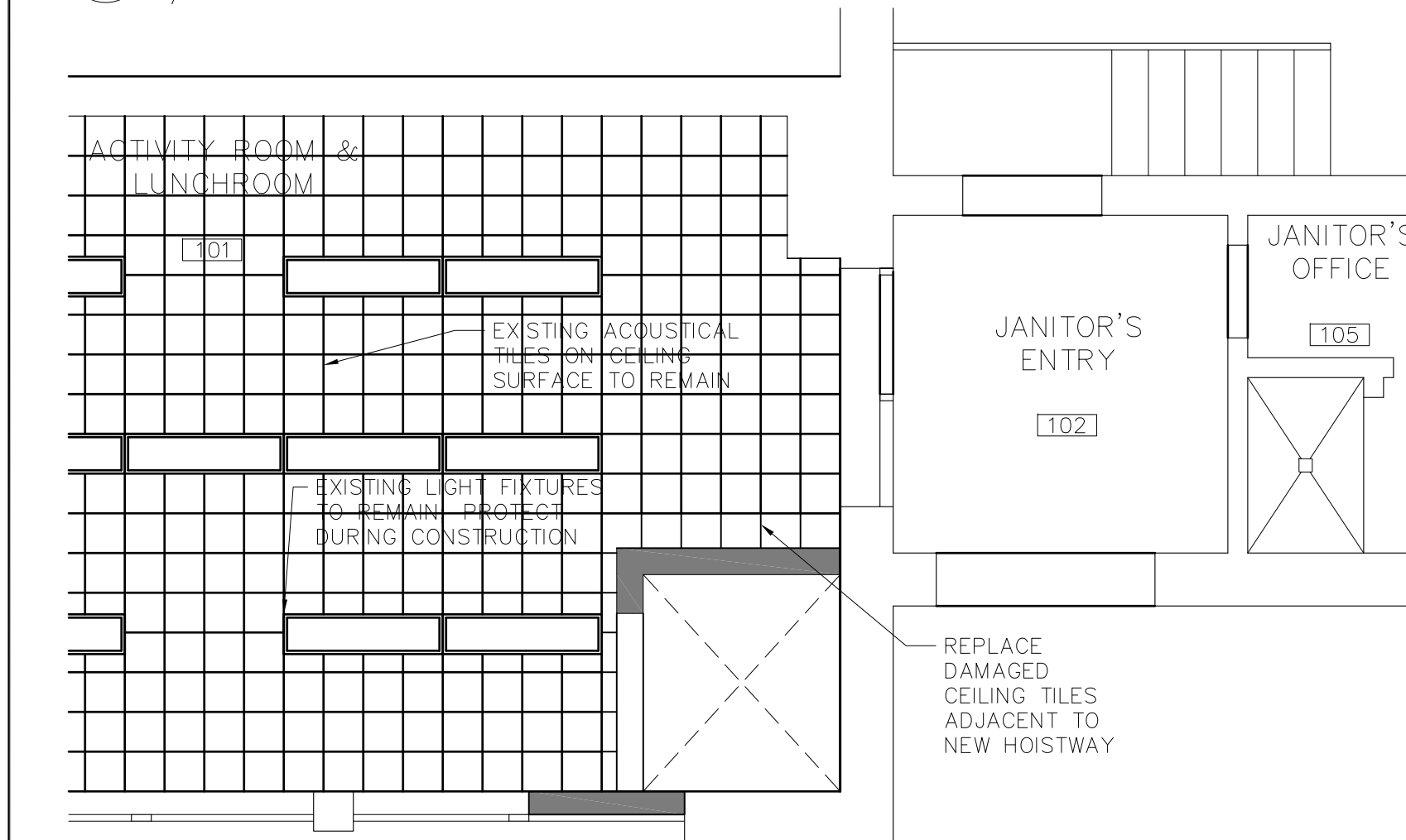
LeMessurier Consultants Inc.
675 Massachusetts Avenue
Cambridge, MA 02139
P 617 868 1200
F 617 661 7520

MEP

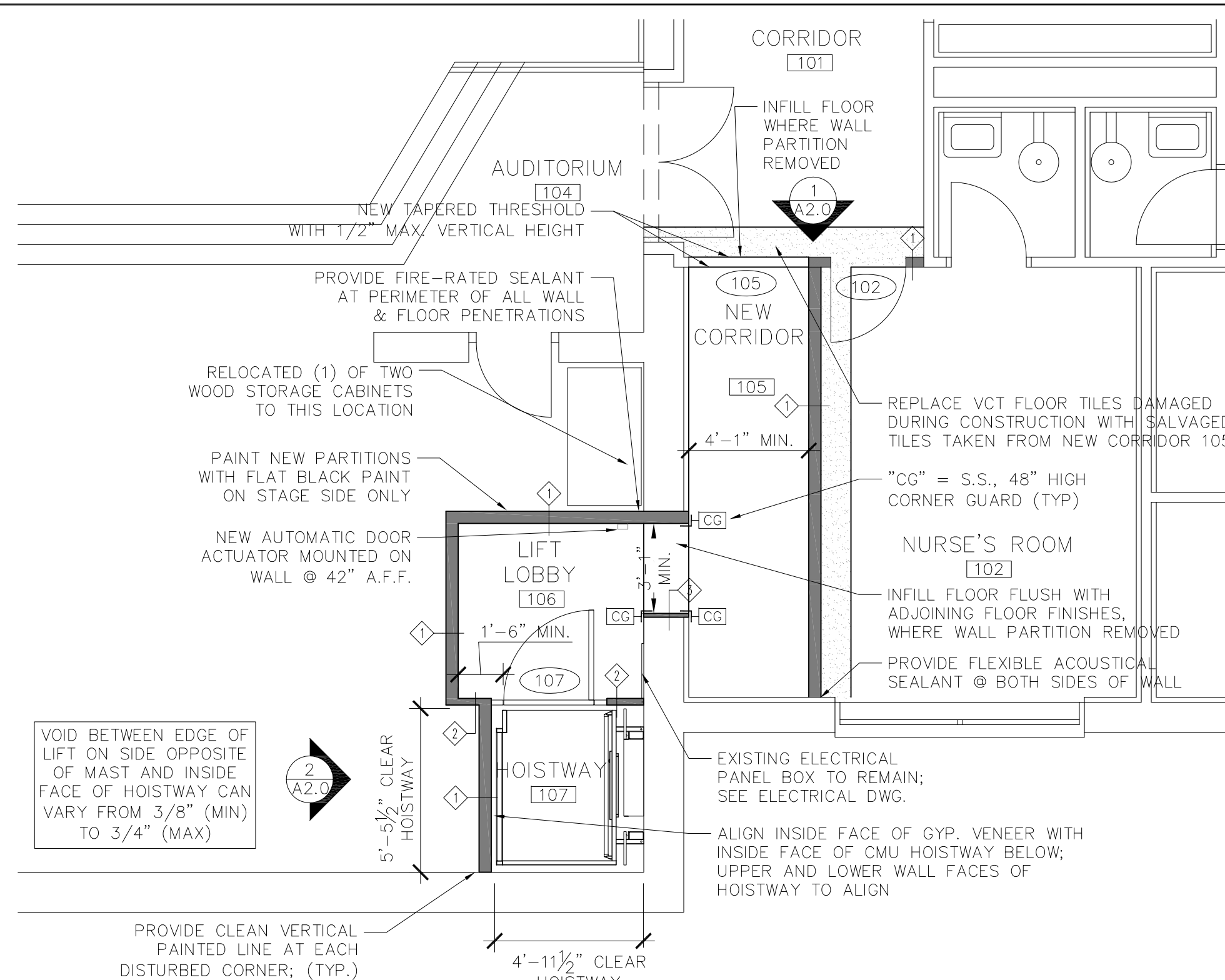
MacRitchie Engineering Inc.
197 Quincy Avenue
Braintree, MA 02184
P 781 848 4464
F 781 848 2613



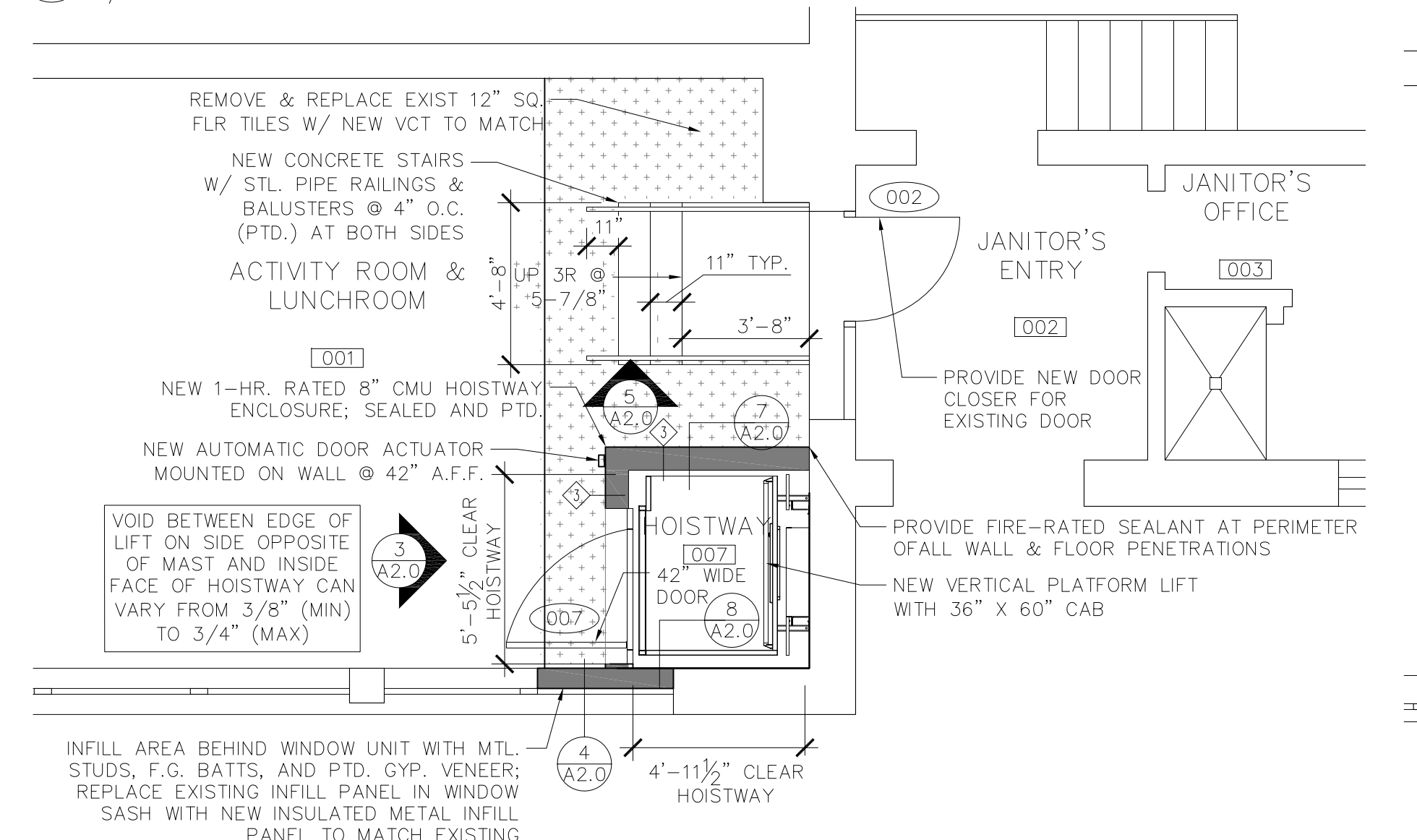
6 PARTIAL UPPER LEVEL RCP
1/4"=1'-0"



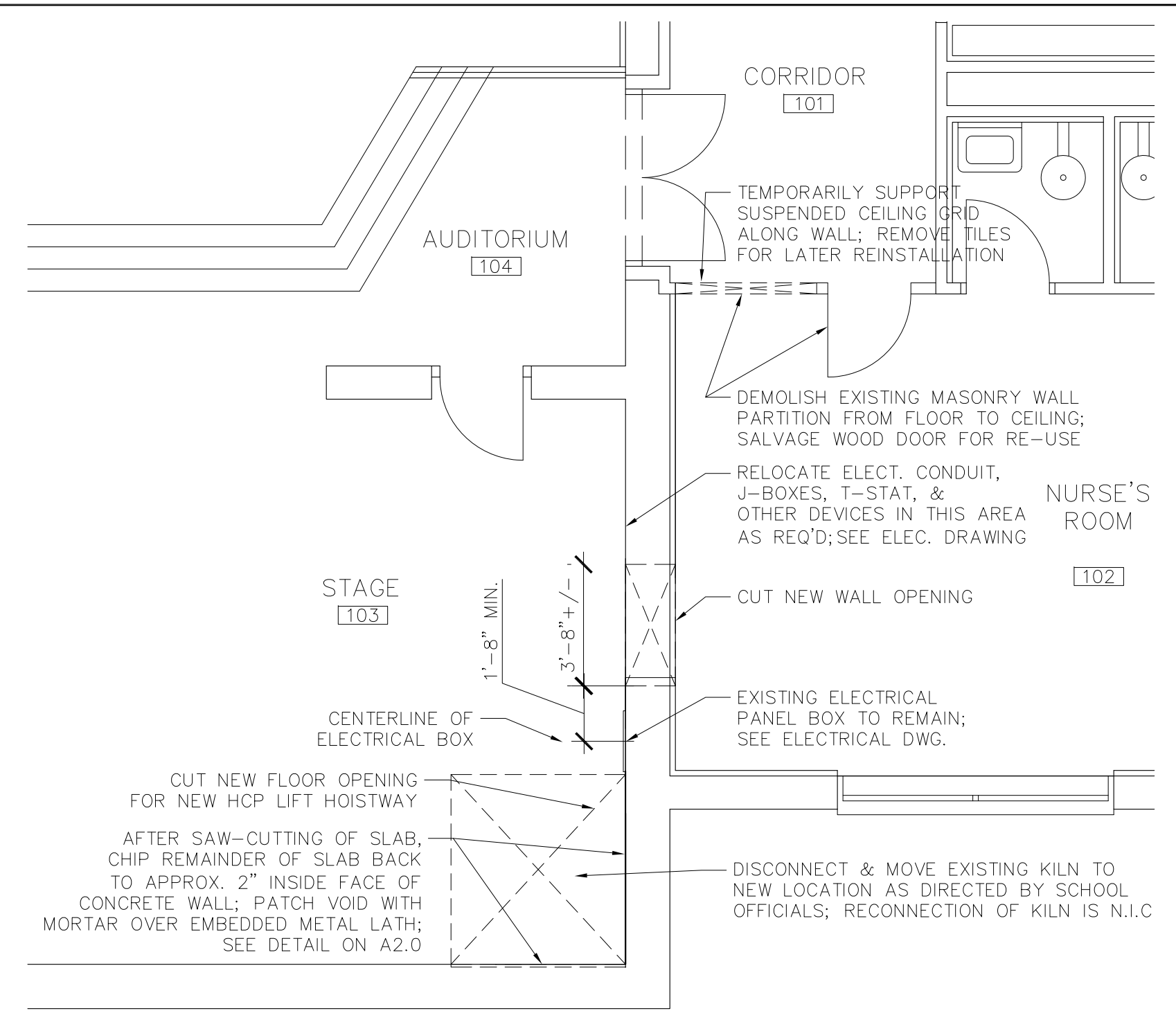
5 PARTIAL LOWER LEVEL RCP
1/4"=1'-0"



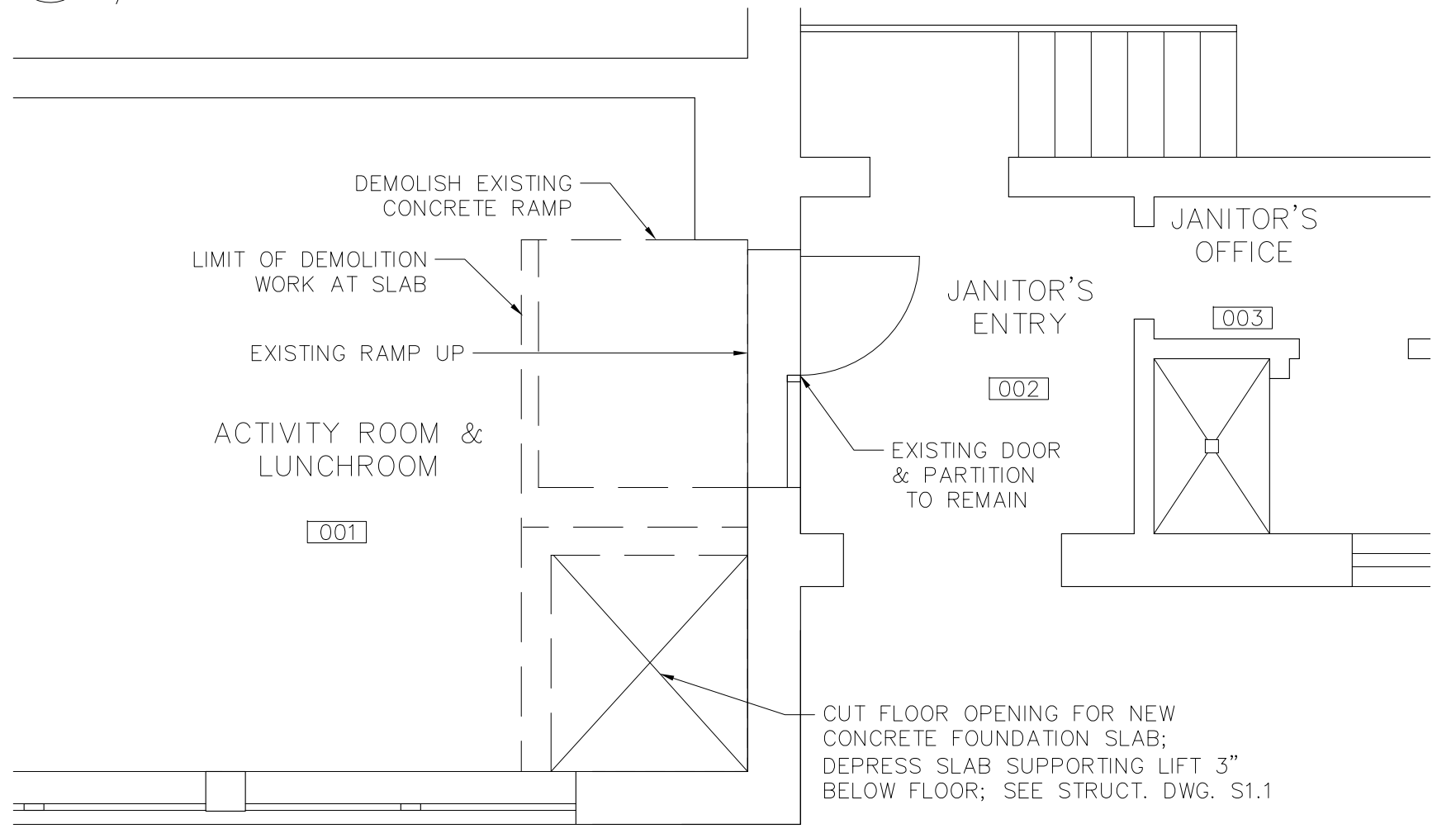
4 PARTIAL UPPER LEVEL, NEW WORK PLAN
1/4"=1'-0"



3 PARTIAL LOWER LEVEL, NEW WORK PLAN
1/4"=1'-0"



2 PARTIAL UPPER LEVEL DEMOLITION PLAN
1/4"=1'-0"

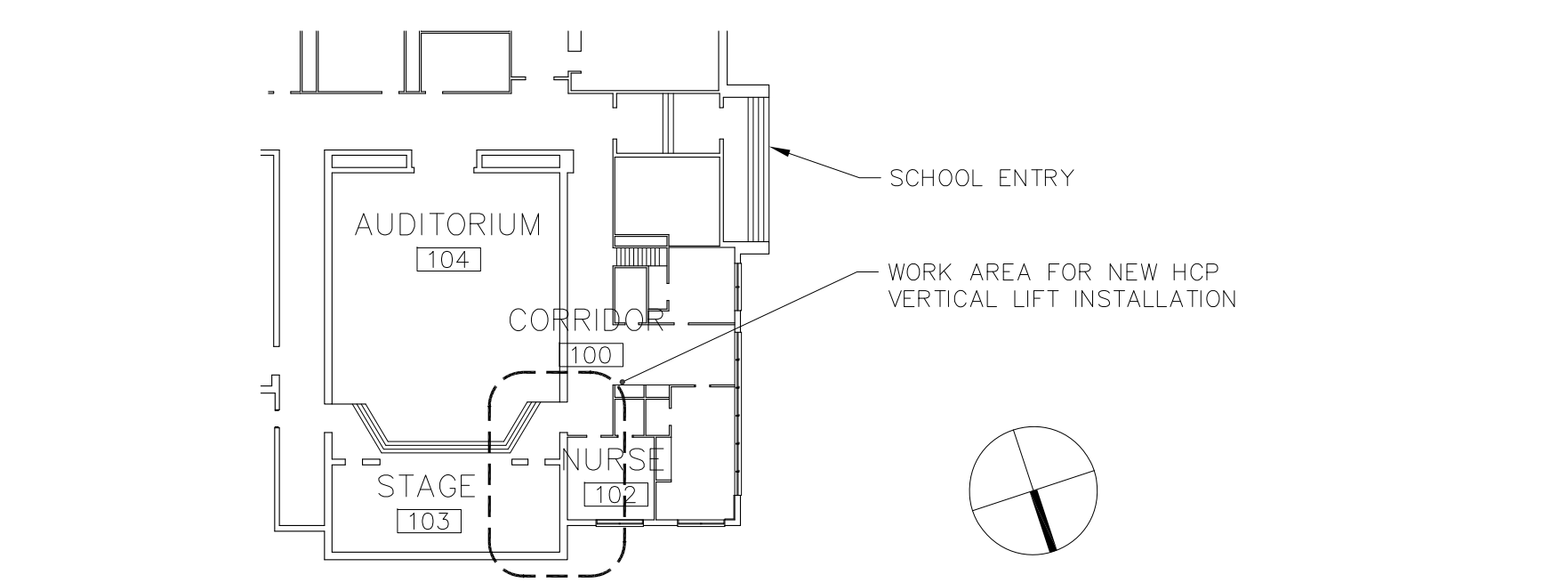


1 PARTIAL LOWER LEVEL DEMOLITION PLAN
1/4"=1'-0"

FINISH SCHEDULE					
NUMBER & NAME	FLOOR	WALLS	CEILING	BASE	COMMENTS
LOWER LEVEL					
001 - ACTIVITY RM/LUNCH RM	EXIST. VCT	EXIST. PTD PLASTER/NEW SEALED & PTD. CMU	EXIST. & NEW ACOUST. TILE	NEW 6" HIGH RUBBER BASE	R & R DAMAGED CEIL'G & FLR FINISHES ADJACENT TO WORK AREA; PAINT STAIR RAILINGS
007 - LIFT HOISTWAY / LIFT	SEAL CONC/NEW VCT	PTD PLASTER/CONC/NEW SEALED & PTD. CMU	N/A	NEW 6" HIGH RUBBER BASE	PROVIDE NEW VCT ON FLOOR OF WHEELCHAIR LIFT
FIRST FLOOR					
101 - CORRIDOR	EXIST. VCT/NEW VCT	EXIST. PTD. MASONRY	EXIST./NEW ACOUST. TILE	NEW 6" HIGH RUBBER BASE	R & R DAMAGED CEIL'G & FLR FINISHES ADJACENT TO WORK AREA
102 - NURSE'S ROOM	EXIST. VCT/NEW VCT	PAINT ALL WALLS, EXISTING & NEW	EXIST./NEW ACOUST. TILE	NEW 6" HIGH RUBBER BASE	R & R DAMAGED CEIL'G & FLR FINISHES ADJACENT TO WORK AREA
103 - STAGE OF AUDITORIUM	EXIST. WOOD	EXIST. PAINTED BRICK MASONRY	N.I.C.	NEW 6" HIGH RUBBER BASE	R & R DAMAGED WOOD STRIP FLOORING ADJACENT TO WORK AREA
104 - AUDITORIUM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	
105 - NEW CORRIDOR	NEW VCT	PTD. GYP. VENEER/PTD. EXIST. PLASTER	NEW PTD. GYPSUM VENEER	NEW 6" HIGH RUBBER BASE	PROVIDE 1/4" CEMENT UNDERLAYMENT BOARD UNDER NEW VCT
106 - LIFT LOBBY	NEW VCT	PTD. GYP. VENEER/PTD. BRICK MASONRY	NEW PTD. GYPSUM VENEER	NEW 6" HIGH RUBBER BASE	PROVIDE 1/4" CEMENT UNDERLAYMENT BOARD UNDER NEW VCT
107 - LIFT HOISTWAY	N/A	PTD. GYP. VENEER/PTD. BRICK MASONRY	NEW PTD. GYPSUM VENEER	N/A	

GENERAL NOTE: REPAIR AND PAINT ALL FINISHES IMPACTED BY CONSTRUCTION. PAINT TO NEAREST CORNER

7 ROOM FINISH SCHEDULE
1"=30'



KP KEY PLAN SHOWING WORK SCOPE AREAS
1"=30'



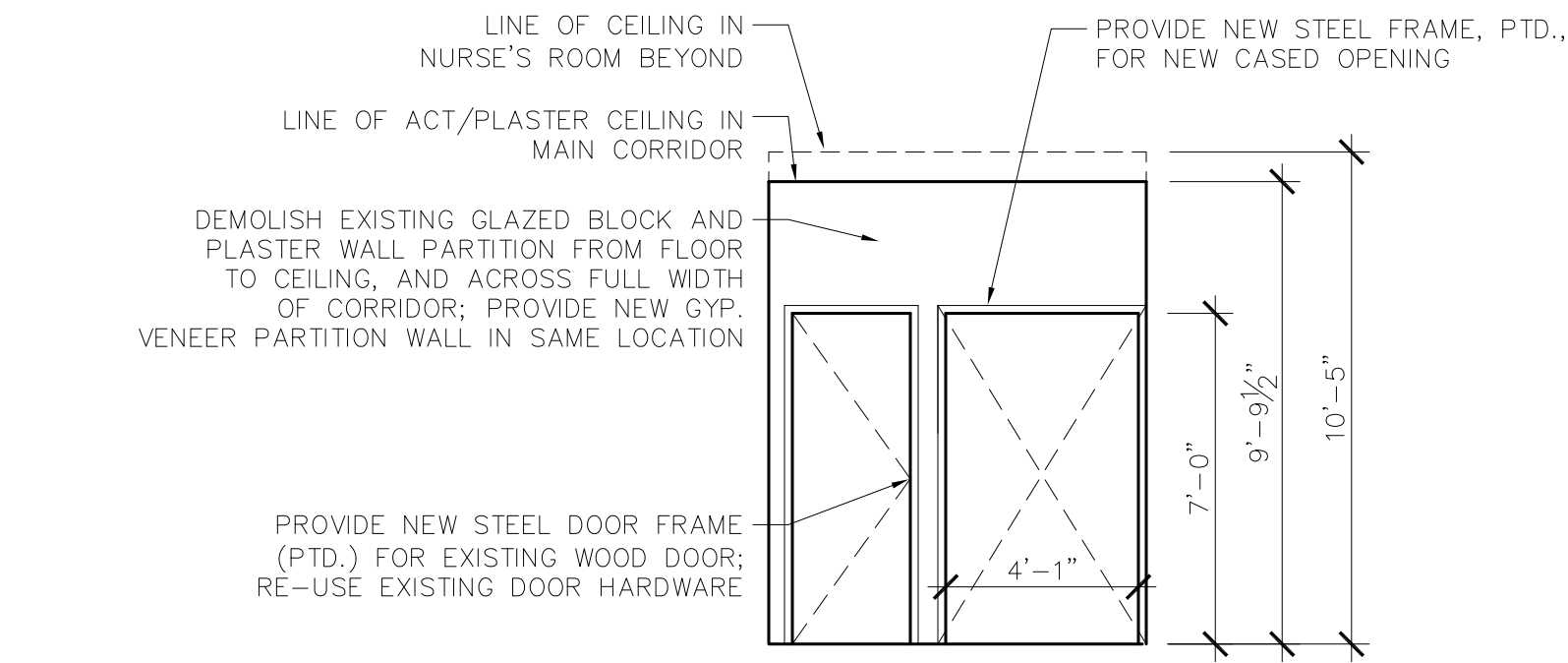
Peirce Elementary School
Accessibility Improvements
 170 Temple Street
 Newton, MA
 City of Newton

Date: 05-17-2012
 Drawn By: JCH
 Reviewed By: WCK
 Project No: 1593.02

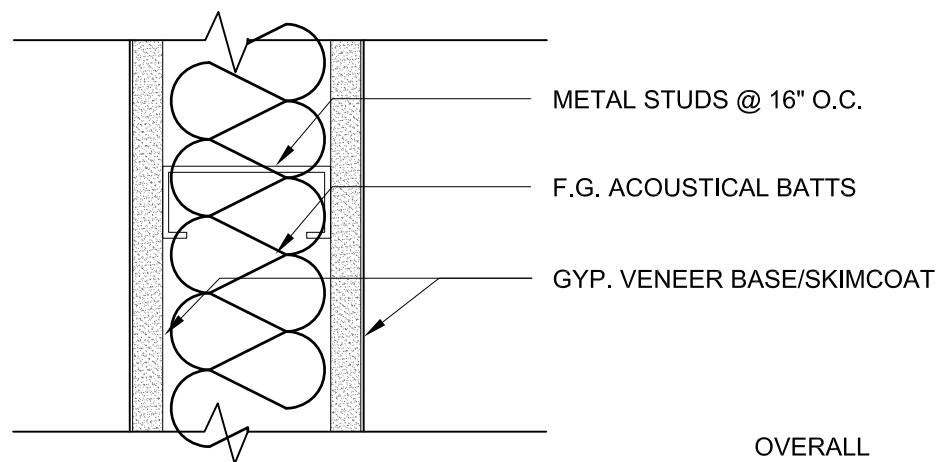
MK & A McGinley Kalsow & Associates, Inc.
 ARCHITECTS & PRESERVATION PLANNERS
 324 Broadway, P.O. Box 45248
 Somerville, MA 02145
 617.625.8901 - www.mcginleykalsow.com

HCP Lift Demo,
New Work, &
RCP's

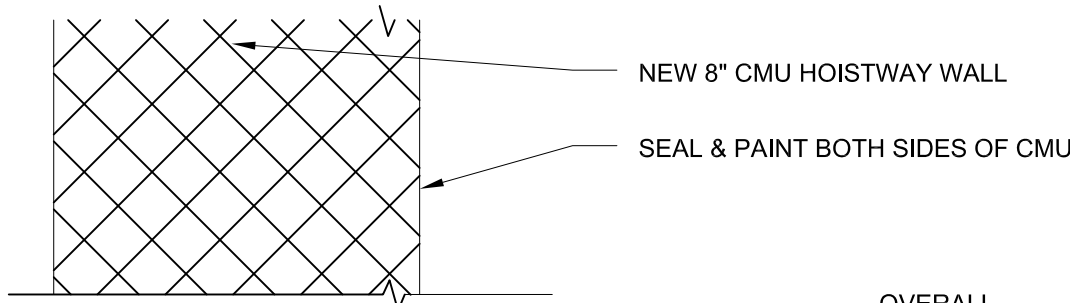
A1.0



1 INTERIOR ELEVATION OF CORRIDOR AT NURSE'S ROOM
1/4"=1'-0"

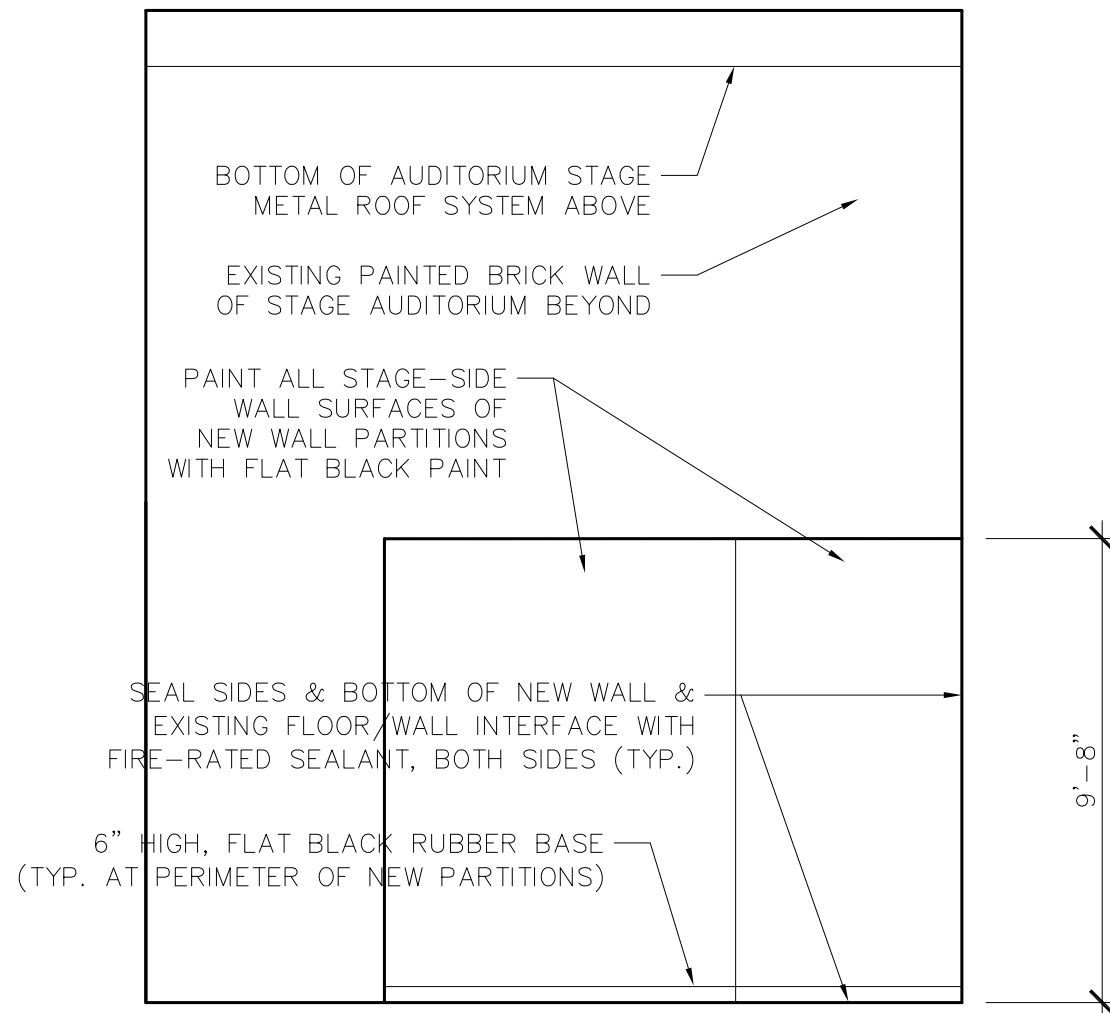


- | | OVERALL WIDTH |
|--|---------------|
| 1 3 5/8" METAL STUDS @ 16" O.C.
1 LAYER 5/8" TYPE "X" GYP. VENEER EACH SIDE | 4 7/8" |
| 2 1-5/8" METAL STUDS @ 16" O.C.
1 LAYER 1/2" TYPE "X" GYP. VENEER EACH SIDE | 2-5/8" |



- | | OVERALL WIDTH |
|----------------------------|---------------|
| 3 NEW 8" CMU HOISTWAY WALL | 7-5/8" |

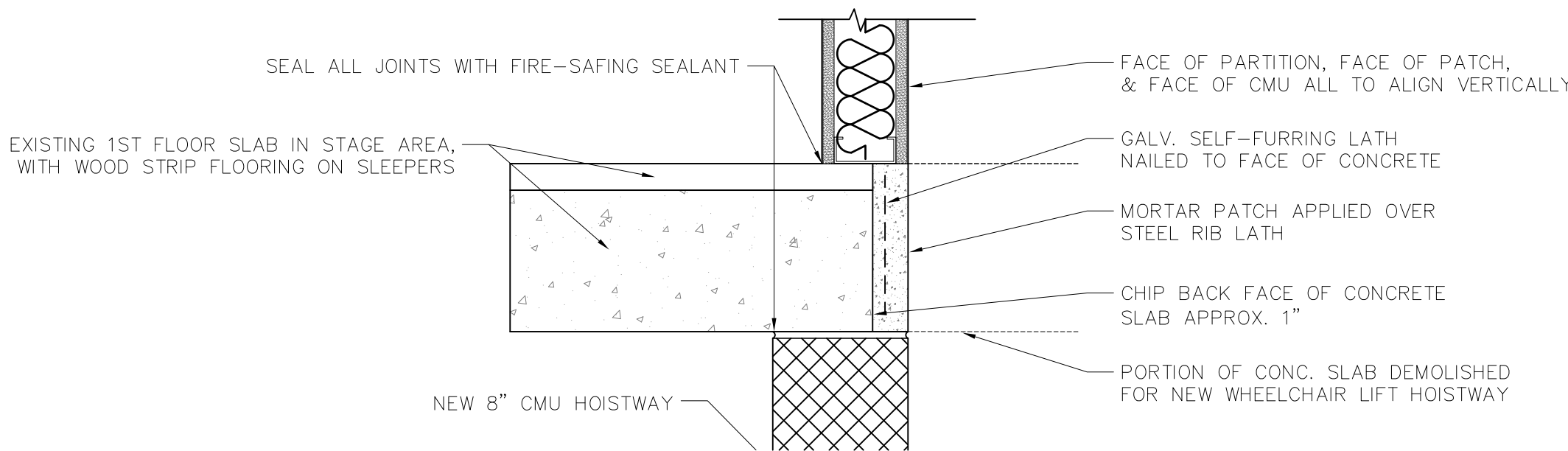
6 PARTITION TYPES
1/4"=1'-0"



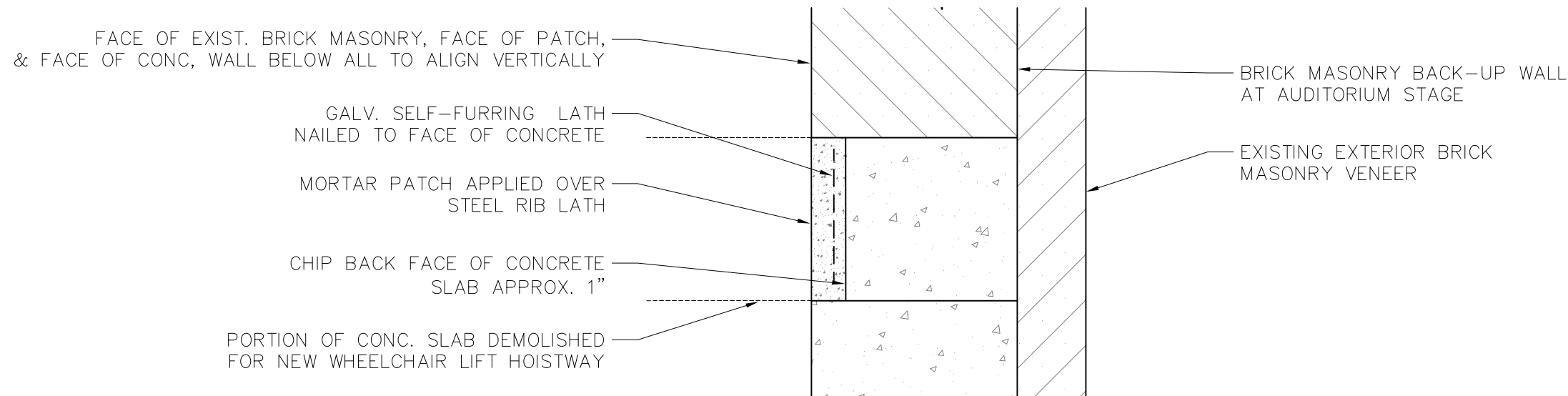
2 INTERIOR ELEVATION AT WEST WALL OF STAGE
1/4"=1'-0"

HEIGHT NOTES
ALL WALLS SHALL BE CARRIED TO UNDERSIDE OF STRUCTURE ABOVE, UNLESS NOTED OTHERWISE

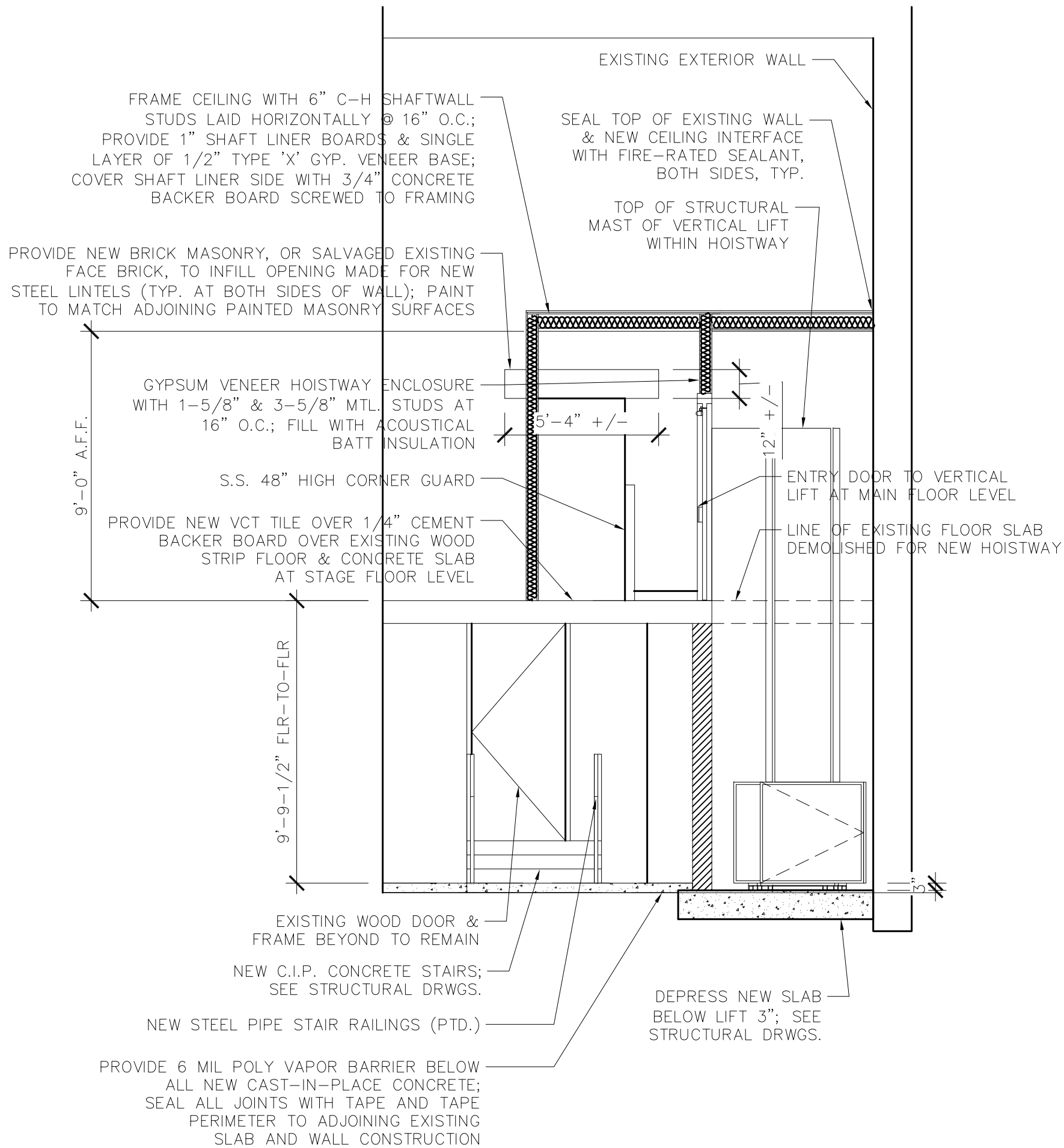
- GENERAL NOTES:**
- PROVIDE 20 GAUGE METAL STUDS EXCEPT AS NOTED IN THE SPECIFICATIONS. BRACE TO WALL AS REQUIRED
 - DOUBLE STUDS TO STRUCTURE ARE TO BE USED AT ALL OPENINGS.
 - GYP. VENEER BASE: UNLESS NOTED OTHERWISE, ALL BASE IS TO BE 1/2" OR 5/8" TYPE "X"
 - PROVIDE WOOD STUDS AT ALL NEW DOOR JAMBS AND HEADS TO REINFORCE MTL. STUD FRAMING.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR ROUTING OR NOTCHING OF EXISTING PLASTER FOR INSTALLATION OF ELECTRICAL WORK.
 - SET STUDS SQUARELY IN FLOOR AND CEILING TRACKS. FASTEN STUDS TO TRACKS ON BOTH SIDES OF WALL. FASTENING STUDS ON ONE SIDE WILL NOT BE ALLOWED.



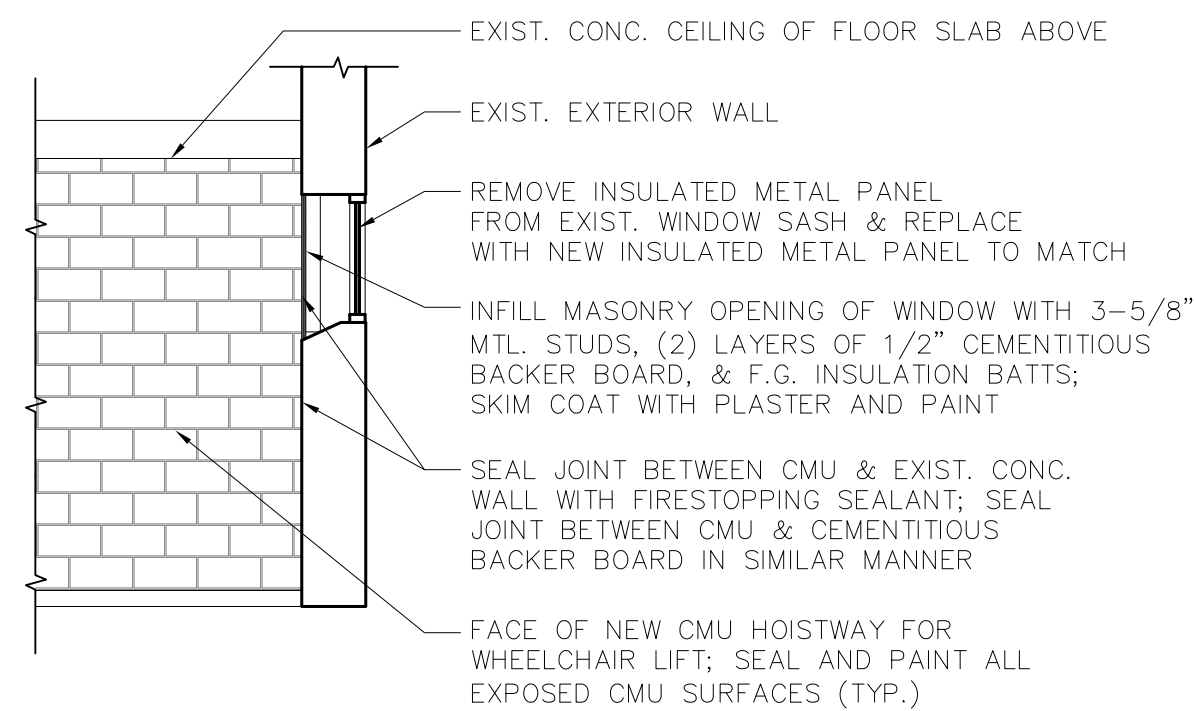
7 PARTIAL INTERIOR WALL SECTION AT HOISTWAY
1-1/2"=1'-0"



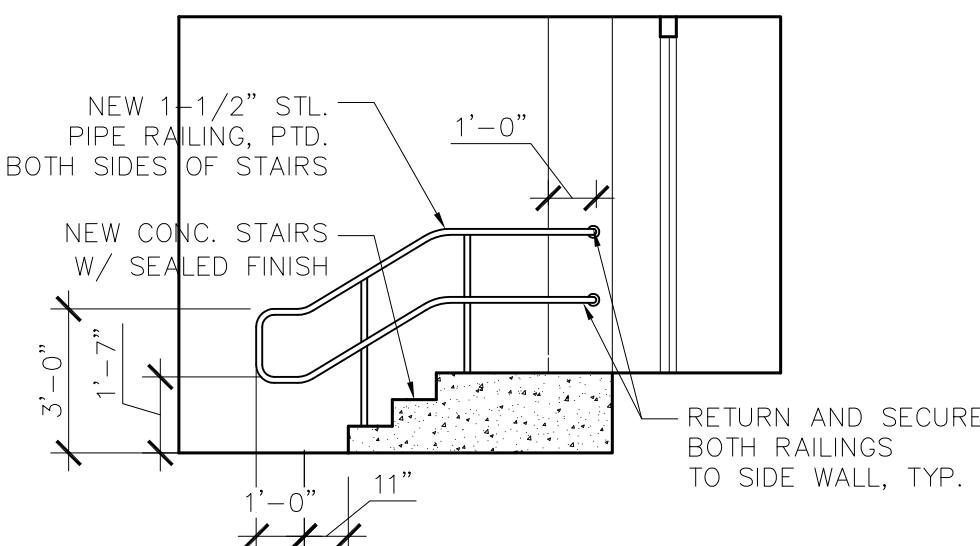
8 PARTIAL EXTERIOR WALL SECTION AT HOISTWAY
1-1/2"=1'-0"



3 SECTION/ELEVATION THRU VERTICAL LIFT
1/4"=1'-0"



4 SECTION/ELEVATION AT EXTERIOR WALL & HOISTWAY
1/4"=1'-0"



5 SECTION/ELEVATION AT NEW CONC. STAIRS
1/4"=1'-0"

DOOR SCHEDULE					
NUMBER & LOCATION	TYPE & FIRE RATING	SIZE & MATERIAL	FINISH	HARDWARE	COMMENTS
LOWER LEVEL					
002 - JANITOR'S ENTRY	EXIST. TO REMAIN	EXISTING FLUSH WOOD DOOR/WD. FRAME	EXISTING	EXISTING	ADD 20 MIN. FIRE-RATED DOOR CLOSER
007 - LIFT HOISTWAY	FLUSH - 20 MIN.	3'-0" X 7'-0" STEEL DOOR	PAINTED	HINGES, HCP LEVER @ LIFT SIDE, AUTO DOOR OPENER, (1) KICKPLATE, SILENCERS, THRESHOLD	PROVIDE ONE DOOR STOP PER DOOR
FIRST FLOOR					
102 - NURSE'S ROOM	RE-USE EXIST. WD. DOOR	PROVIDE NEW STEEL DOOR FRAME	PAINTED	RE-USE EXISTING DOOR HARDWARE	
105 - NEW CORRIDOR	NO DOOR-CASED OPENING	PROVIDE NEW STEEL DOOR FRAME	PAINTED	PROVIDE ACCESSIBLE THRESHOLD AT NEW CASED OPENING	1/2" MAX. THRESHOLD VERTICAL HEIGHT
107 - LIFT HOISTWAY	FLUSH - 20 MIN.	3'-6" X 7'-0" STEEL DOOR	PAINTED	HINGES, HCP LEVER @ LIFT SIDE, AUTO DOOR OPENER, (1) KICKPLATE, SILENCERS, THRESHOLD	PROVIDE ONE DOOR STOP PER DOOR

GENERAL NOTE: FINISH FOR ALL HARDWARE TO BE OXIDIZED SATIN BRASS



Peirce Elementary School
Accessibility Improvements
 170 Temple Street
 Newton, MA
 City of Newton

Date: 05-17-2012

Drawn By: JCH

Reviewed By: WCK

Project No: 1593.02

MK & A McGinley Kalsow & Associates, Inc.
 ARCHITECTS & PRESERVATION PLANNERS

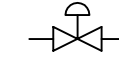





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 Somerville, MA 02145
 617.625.8901 - www.mcginleykalsow.com

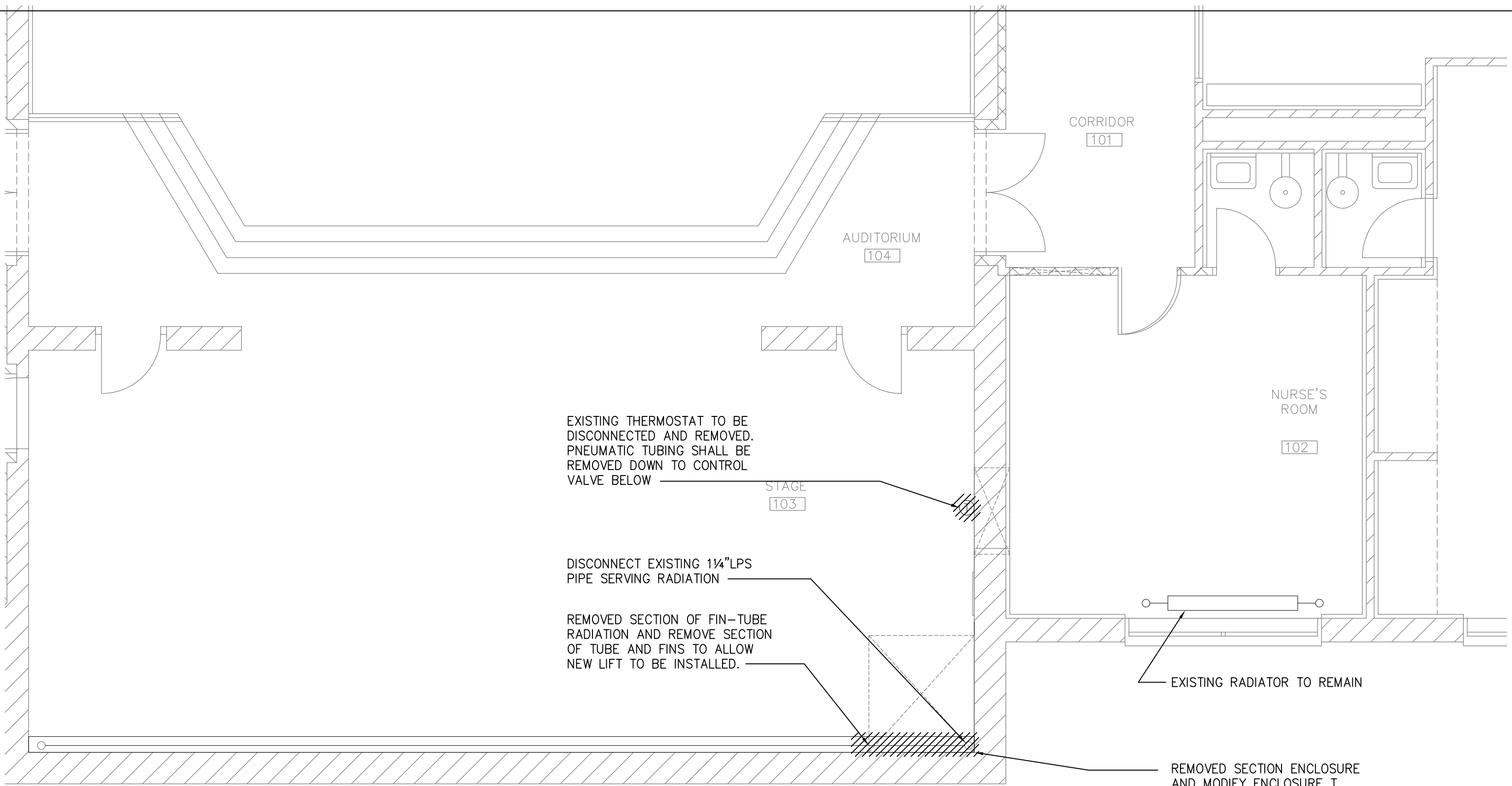
Interior Elevations & Sections

A2.0

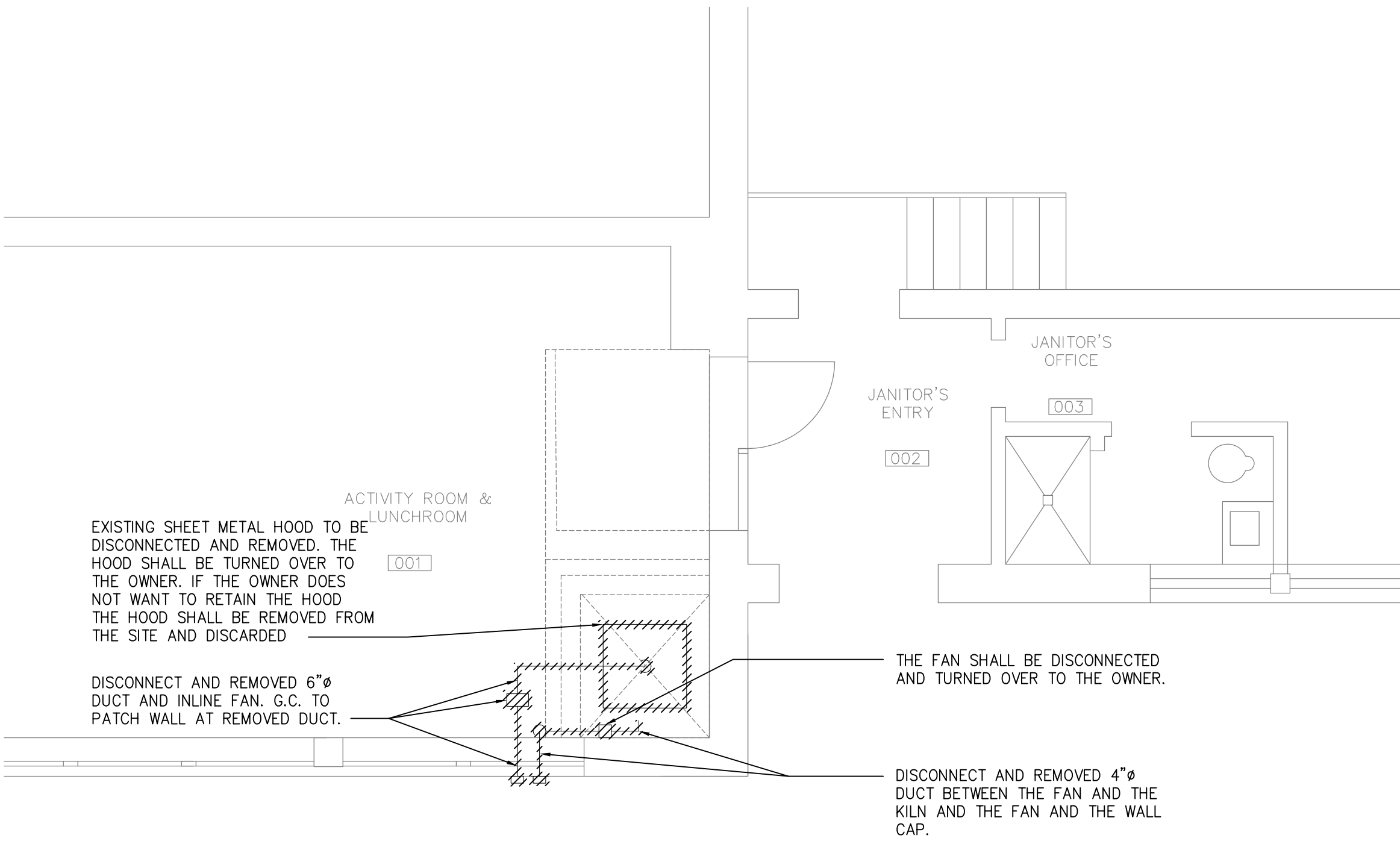
GENERAL NOTES:

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. CONTRACT DOCUMENT DRAWINGS FOR MECHANICAL WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
3. INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
4. ALL TESTS SHALL BE COMPLETED BEFORE ANY MECHANICAL EQUIPMENT OR PIPING INSULATION IS APPLIED.
5. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
6. ALL EQUIPMENT, PIPING, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED, SPECIFIED, AND REQUIRED TO PROVIDE A VIBRATION-FREE INSTALLATION.
7. REFER TO TYPICAL DETAILS FOR DUCTWORK, PIPING, AND EQUIPMENT INSTALLATION.

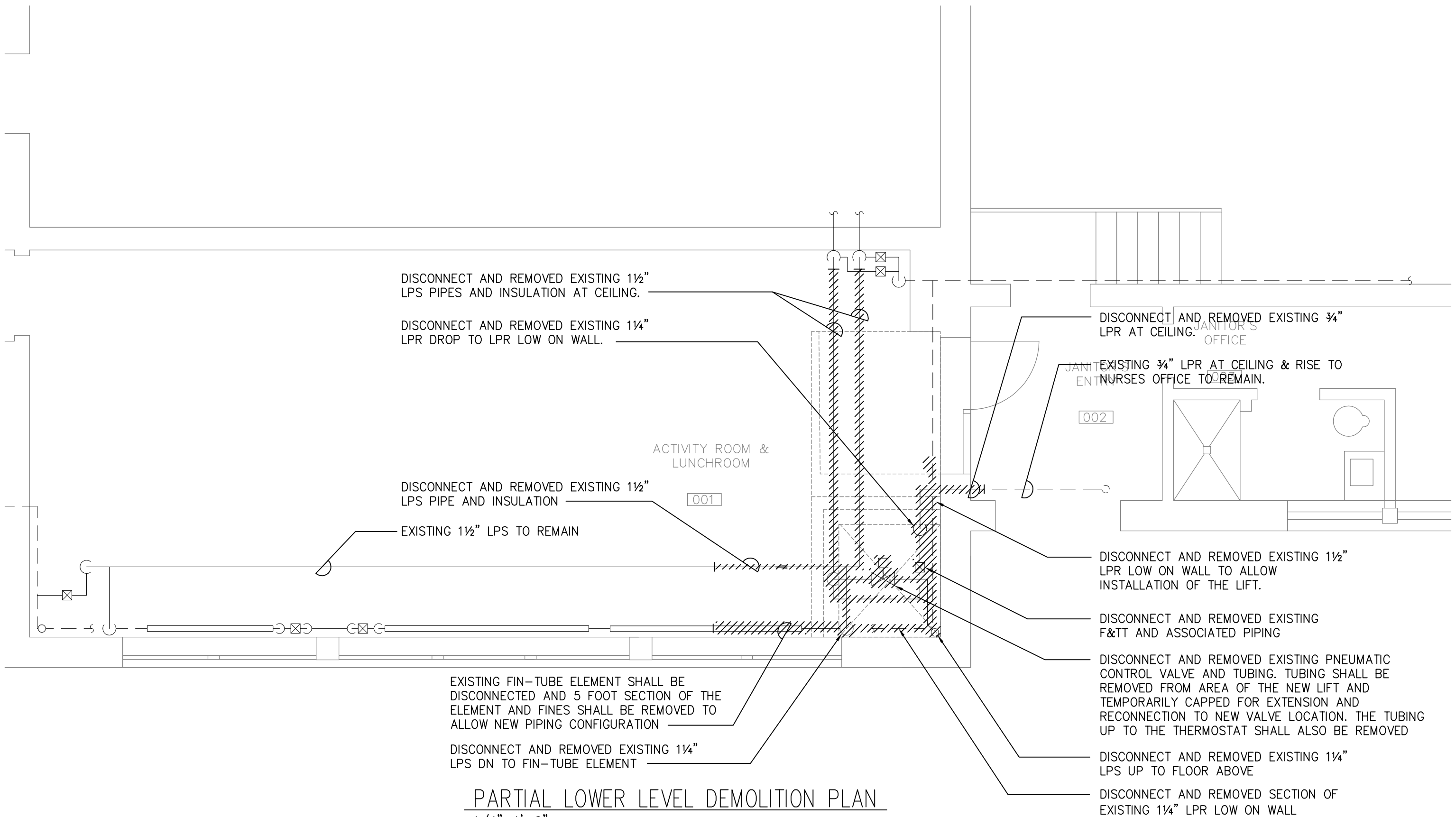
LEGEND AND SYMBOLS	
SYMBOL	DESCRIPTION
	TWO-WAY AUTOMATIC CONTROL VALVE
	THERMOSTAT
	DIRECTION OF FLOW OF PIPE
	PIPE DROP OR TURNING AWAY
	PIPE RISE
	UNION AS DICTATED BY PIPE SIZE
AFF	ABOVE FINISHED FLOOR
CO	CLEAN OUT
CLG.	CEILING
DN	DOWN
LPR	LOW PRESSURE STEAM RETURN
LPS	LOW PRESSURE STEAM
T	THERMOSTAT
TYP	TYPICAL



PARTIAL UPPER LEVEL DEMOLITION PLAN
1/4"=1'-0"



PARTIAL LOWER LEVEL DEMOLITION PLAN
1/4"=1'-0"



PARTIAL LOWER LEVEL DEMOLITION PLAN
1/4"=1'-0"



Peirce Elementary School
Accessibility Improvements
170 Temple Street
Newton, MA
City of Newton

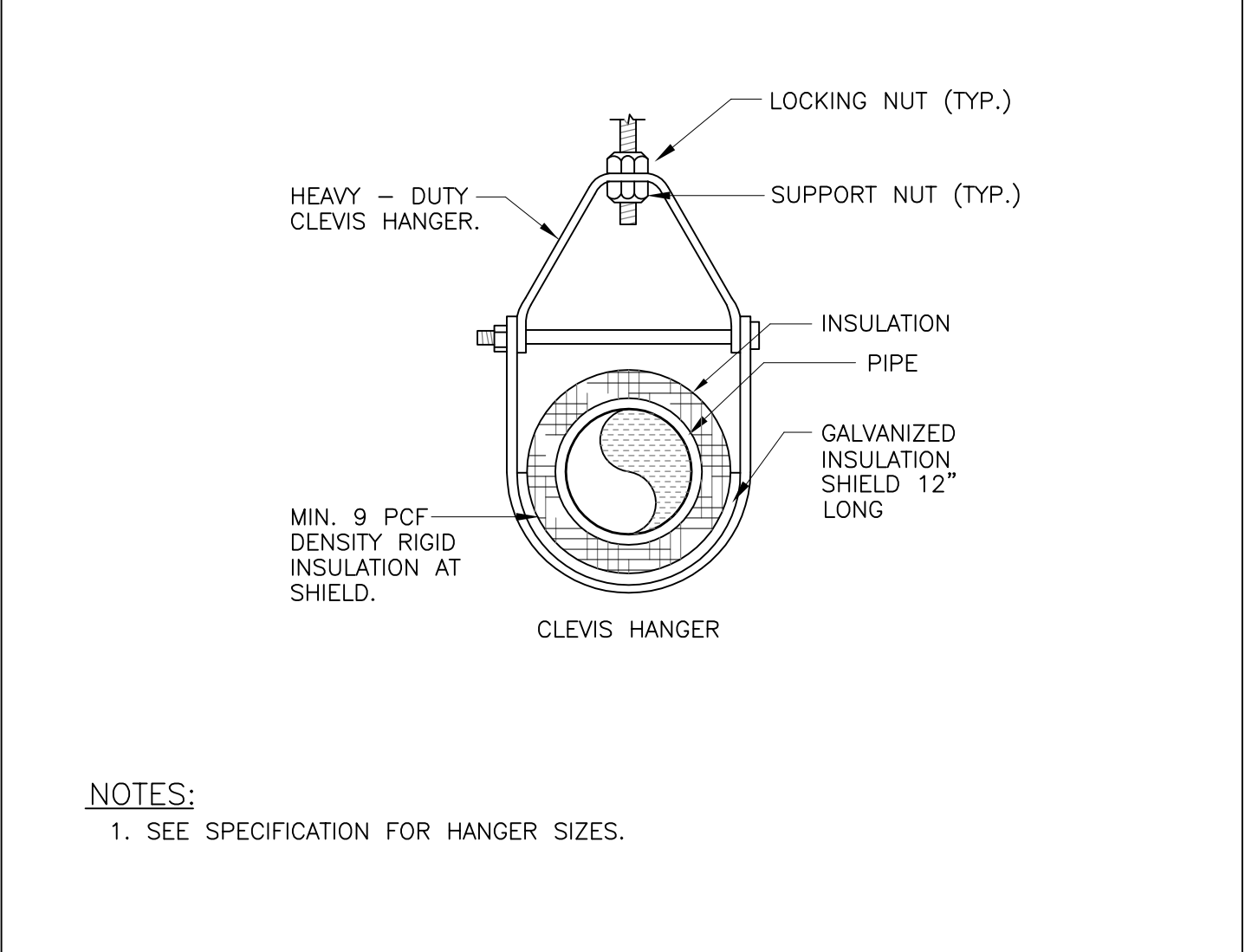
MacRITCHIE ENGINEERING INCORPORATED
197 Quincy Avenue, Braintree, MA 02184
Tel. (781) 848-4464 Fax (781) 848-2613
E-mail: info@macritchie.net

Date: 05-17-2012
Drawn By: SDW
Reviewed By: SDW
Project No: 1593.02

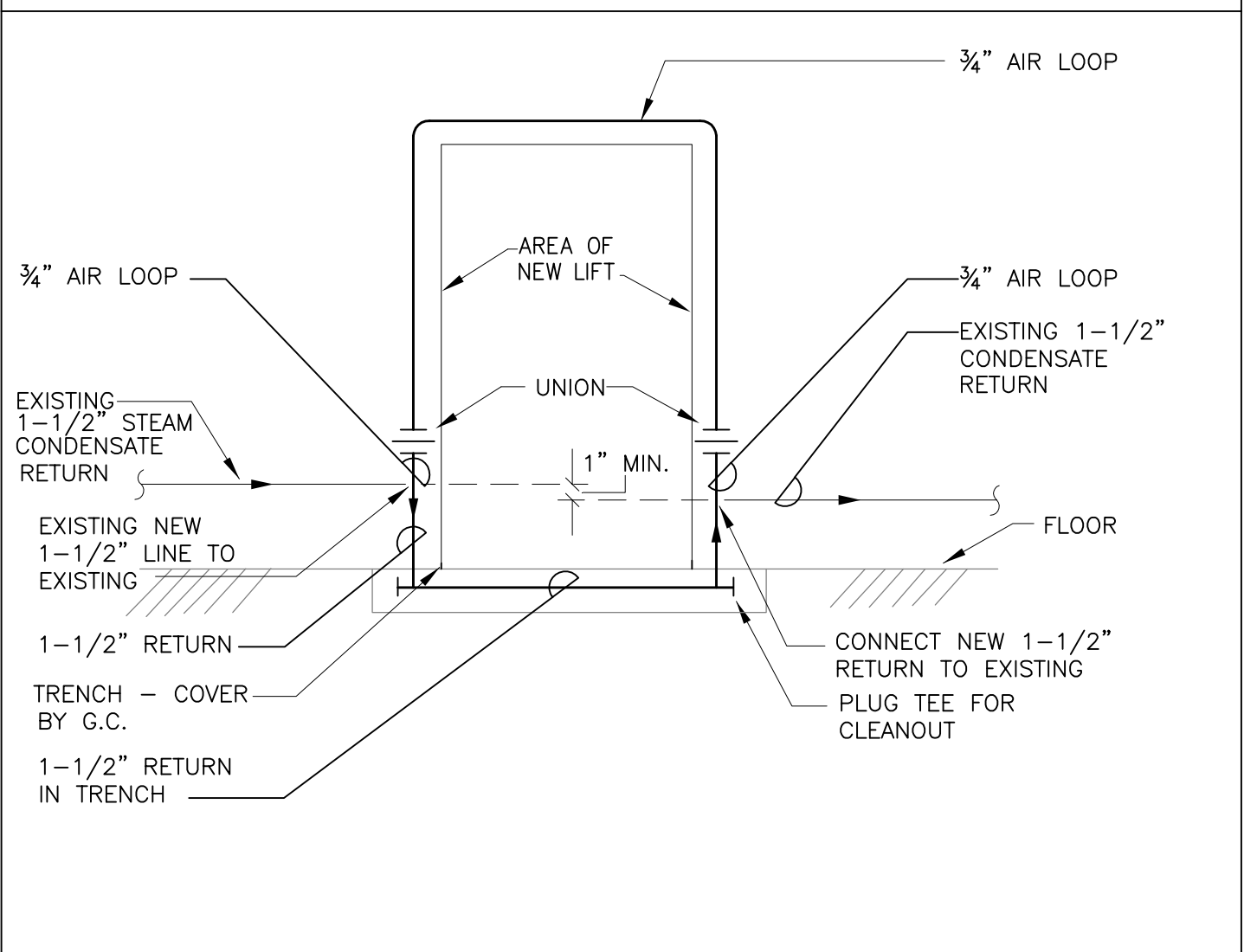
MK & A McGinley Kalsow & Associates, Inc.
ARCHITECTS & PRESERVATION PLANNERS
324 Broadway, P.O. Box 45248
Somerville, MA 02145
617.625.8901 - www.mcginleykalsow.com

Demolition
Part Plans

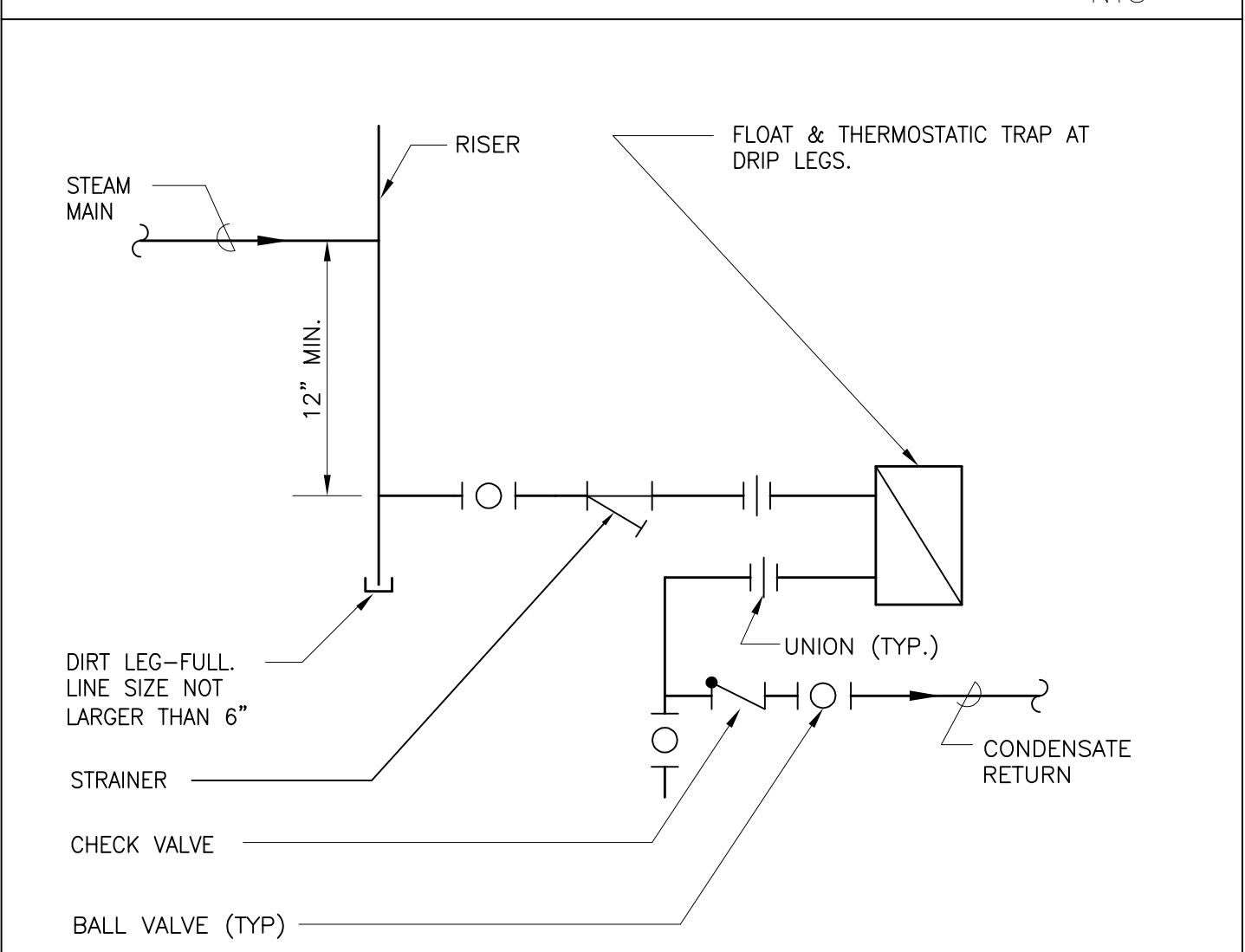
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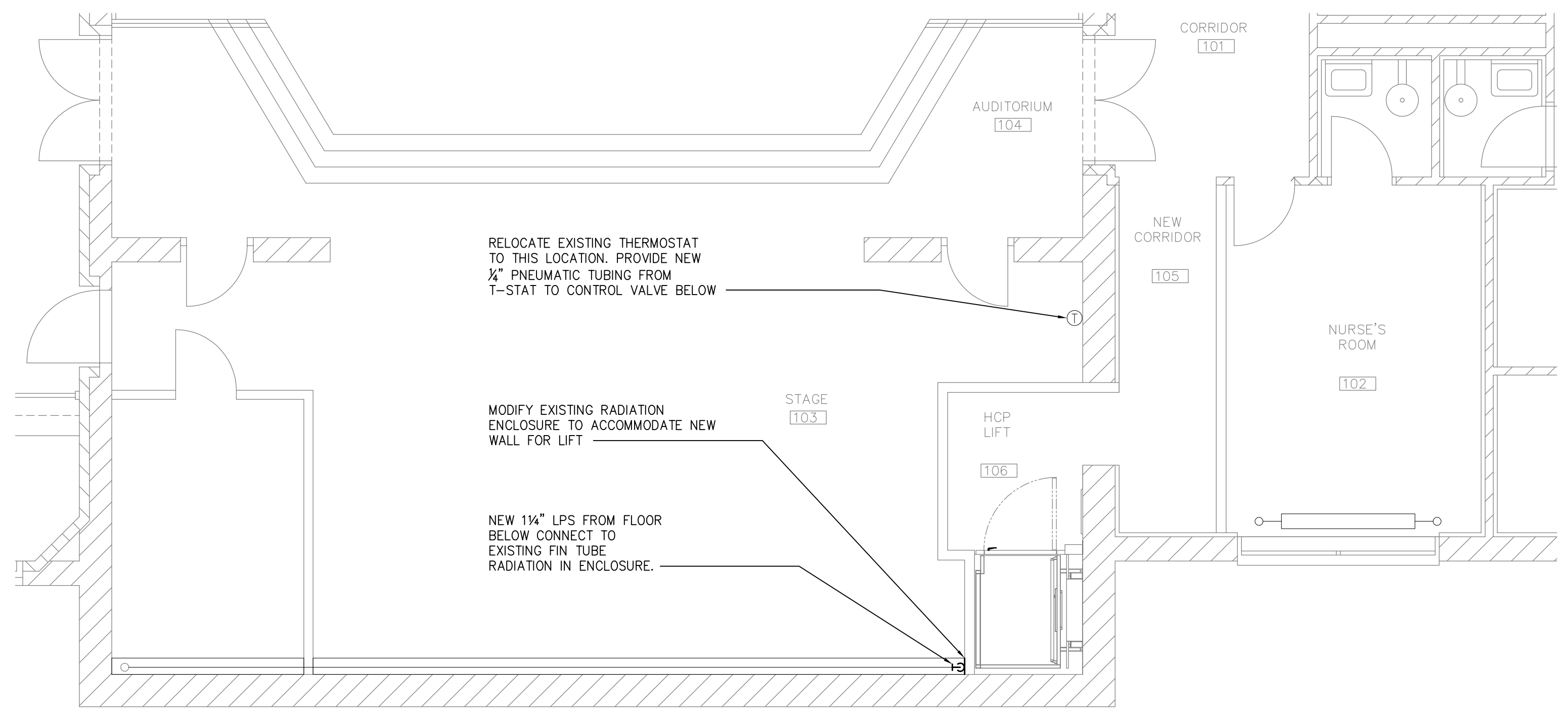
INSULATED PIPE HANGER DETAIL
NTS



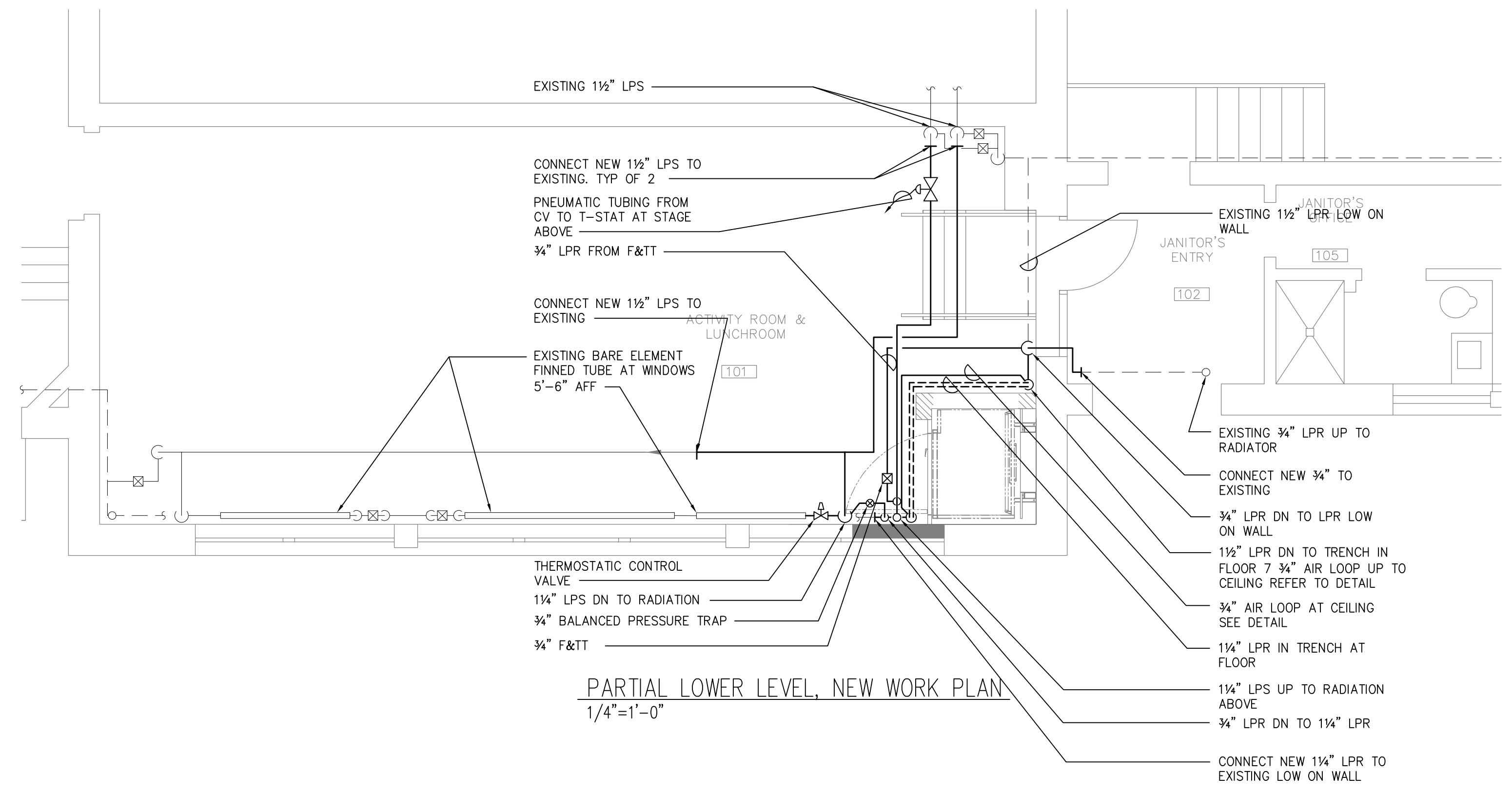
STEAM CONDENSATE LOOP PIPING
NTS



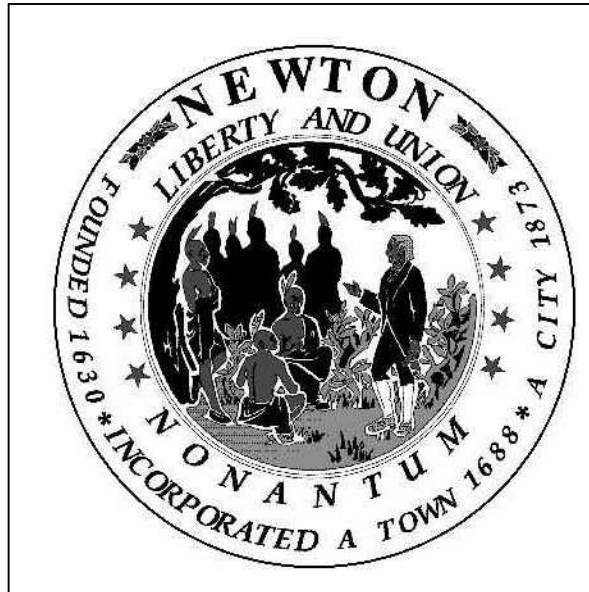
STEAM TRAP DETAIL
NTS



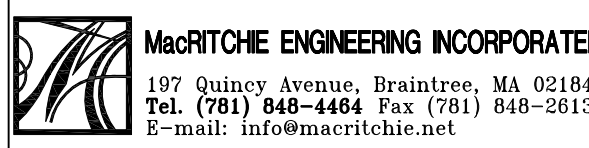
PARTIAL UPPER LEVEL, NEW WORK PLAN
1/4"=1'-0"



PARTIAL LOWER LEVEL, NEW WORK PLAN
1/4"=1'-0"



Peirce Elementary School
Accessibility Improvements
170 Temple Street
Newton, MA
City of Newton



Date: 05-17-2012
Drawn By: SDW
Reviewed By: SDW
Project No: 1593.02



HVAC
Part Plans

H2.0

- GENERAL NOTES:
1. STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENTS OF:

(A) THE COMMONWEALTH OF MASSACHUSETTS STATE BUILDING CODE, 8TH EDITION

(B) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360-05)

(C) STRUCTURAL WELDING CODE - STEEL (AWS D1.1-04)

(D) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-08)

(E) SPECIFICATION FOR STRUCTURAL CONCRETE (ACI 301-05)

2. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL WELDS SHALL USE FILLER METAL CONFORMING TO E70XX, LOW HYDROGEN.

3. WELDS SHALL DEVELOP THE FULL STRENGTH OF THE MATERIALS BEING WELDED, UNLESS NOTED OTHERWISE.

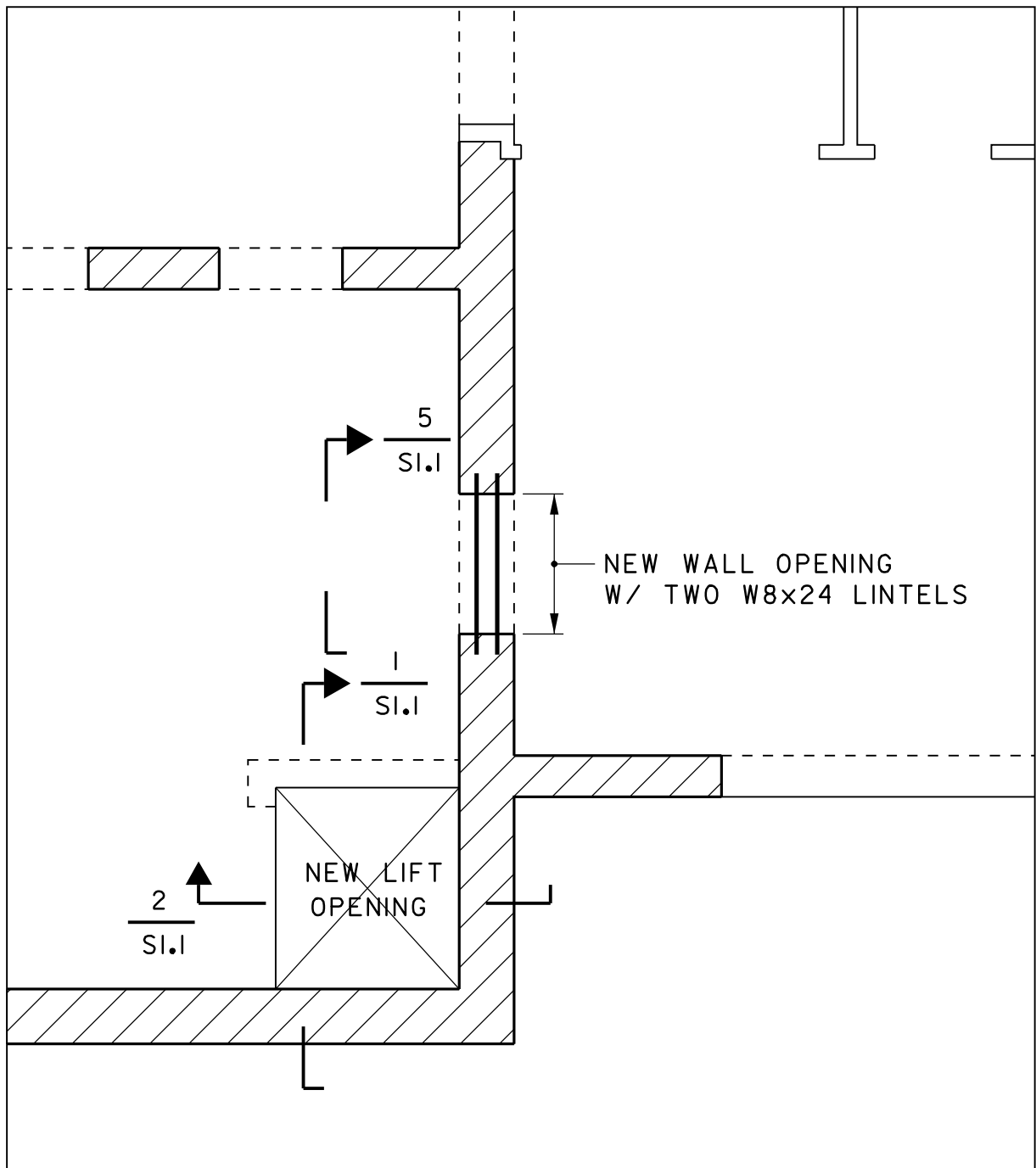
4. ALL WELDS SHALL BE A MINIMUM OF 1/4", UNLESS NOTED OTHERWISE.

5. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND INTERFERENCES WITH OTHER TRADES PRIOR TO ORDERING MATERIAL AND WORK EXECUTIONS. ANY DIFFERENCES BETWEEN EXISTING CONDITIONS AND WHAT IS SHOWN ON THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMPLETING OF APPLICABLE WORK. ALL WORK SHALL BE TESTED BY AN INDEPENDENT TESTING AGENCY.

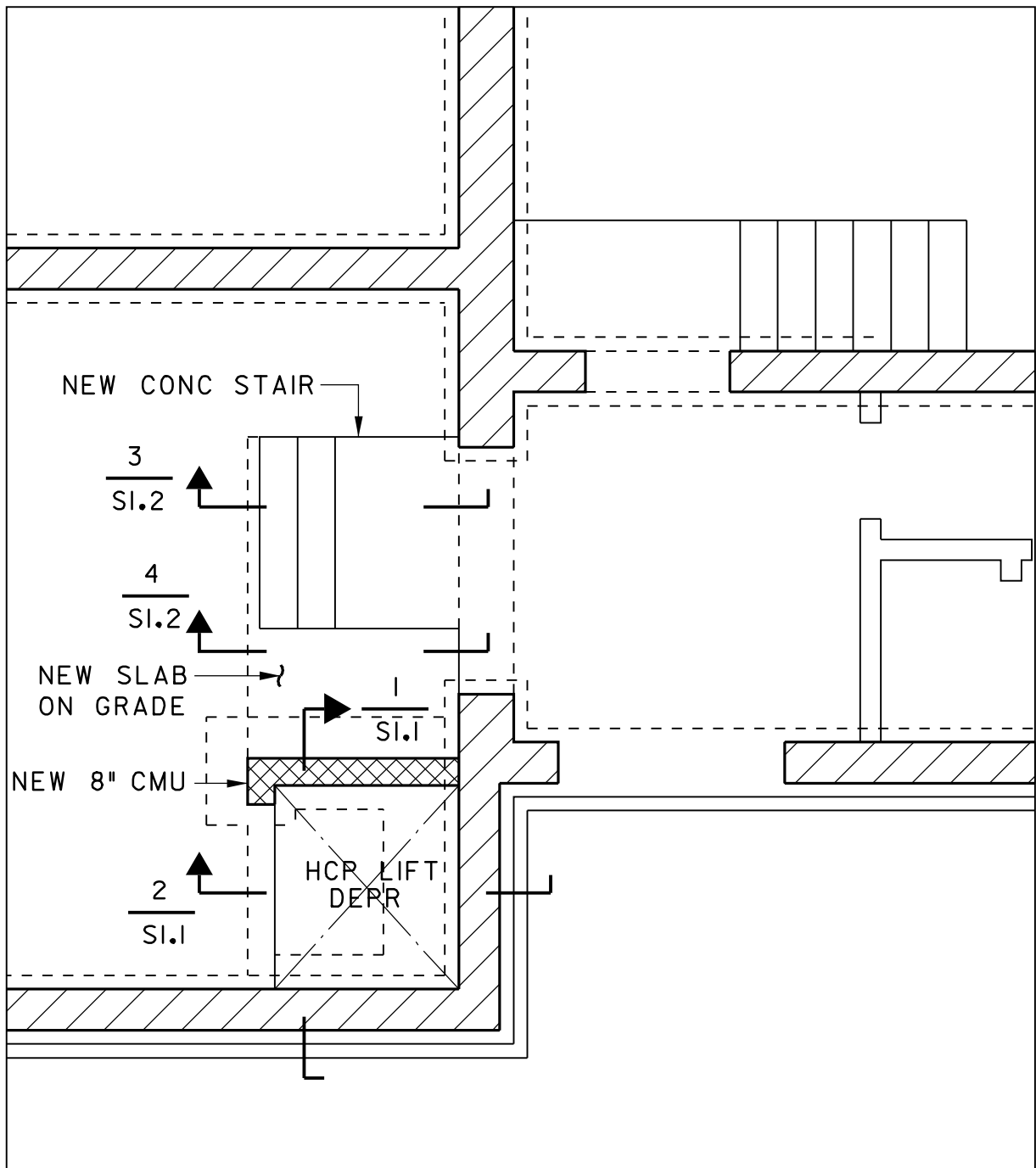
6. NEW STEEL SECTIONS SHALL BE ASTM A572 OR A992 FY=50 KSI UNO.

7. MASONRY SHALL HAVE F'M = 1500 PSI. F'M IS THE COMPRESSIVE STRENGTH OF THE MASONRY AT 28 DAYS.

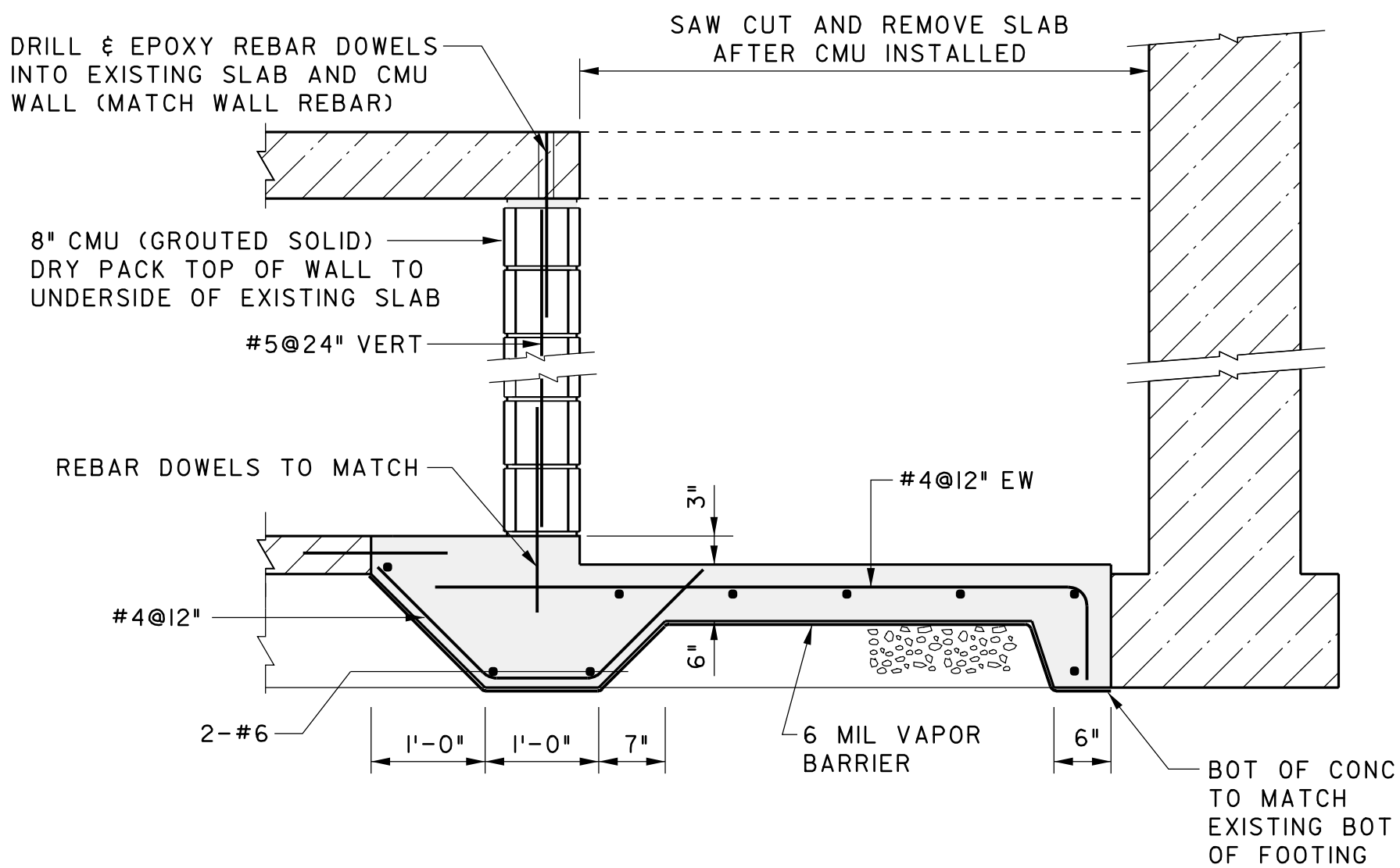
8. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.



HCP LIFT PLAN (UPPER LEVEL) SCALE: 1/4" = 1'-0"

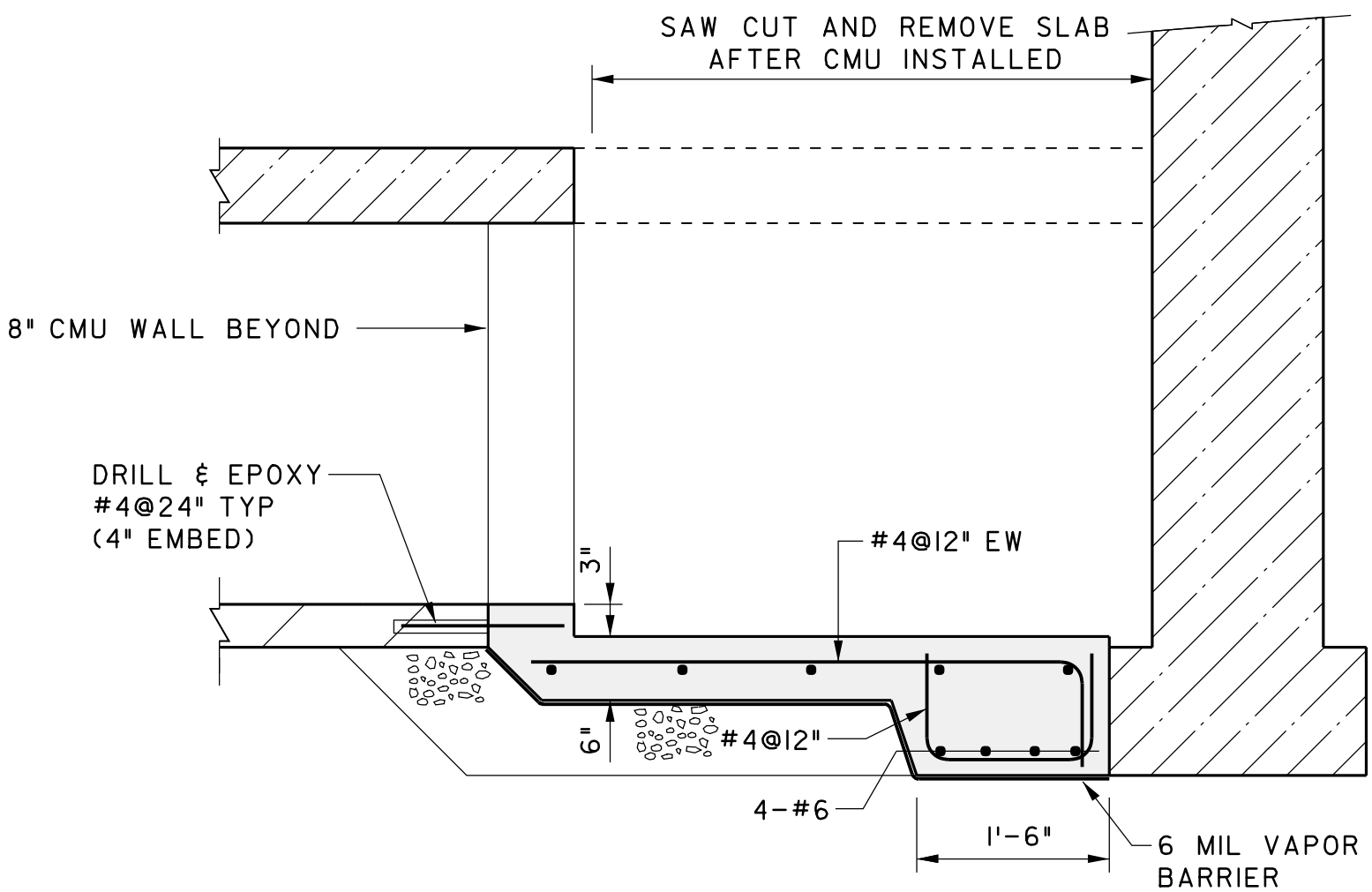


HCP LIFT PLAN (LOWER LEVEL) SCALE: 1/4" = 1'-0"



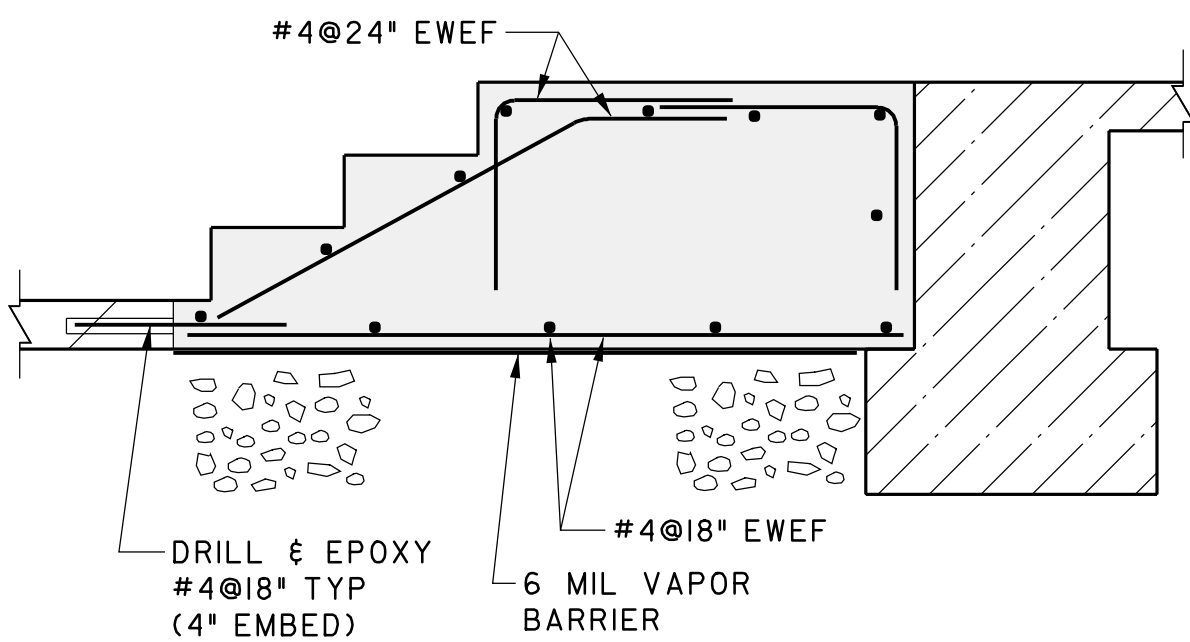
1 HCP LIFT DEPRESSION AND FLOOR OPENING

SCALE: 1/2" = 1'-0"



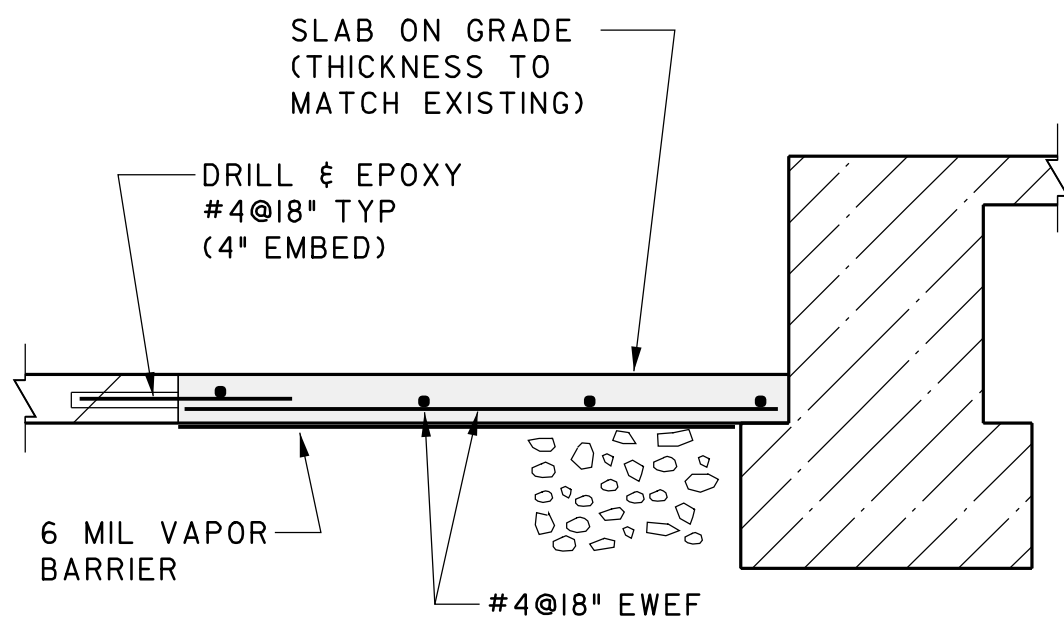
2 HCP LIFT DEPRESSION AND FLOOR OPENING

SCALE: 1/2" = 1'-0"



3 NEW STEPS

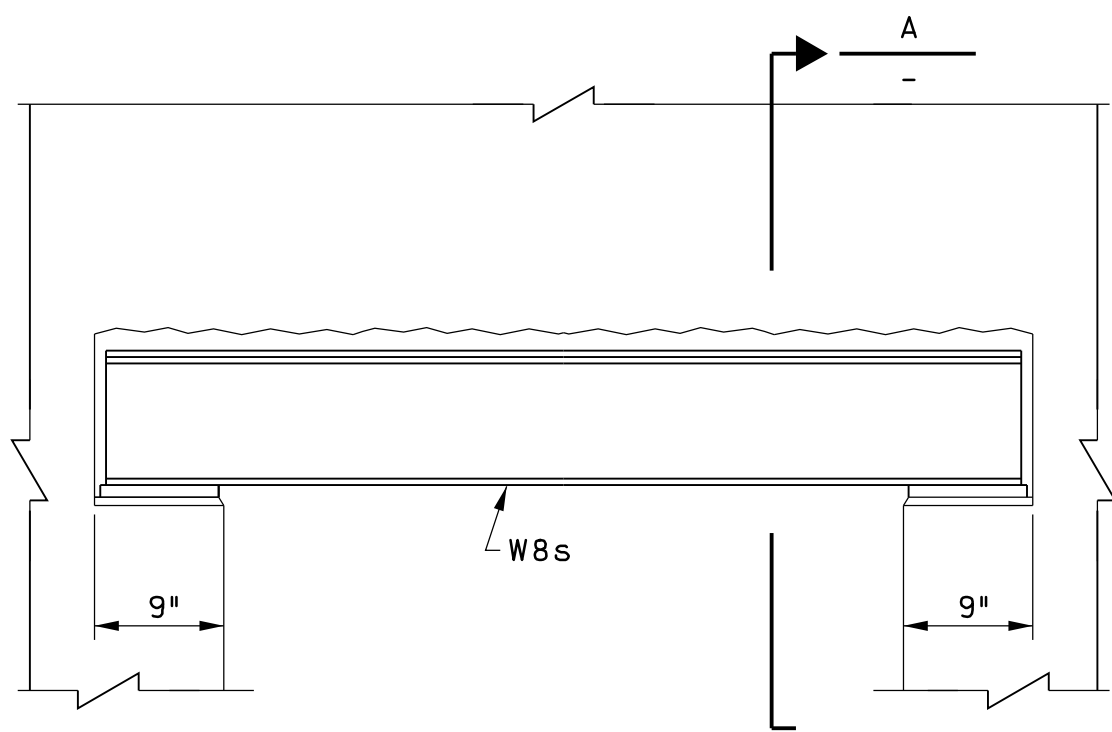
SCALE: 3/4" = 1'-0"



4 NEW SLAB AT REMOVED RAMP

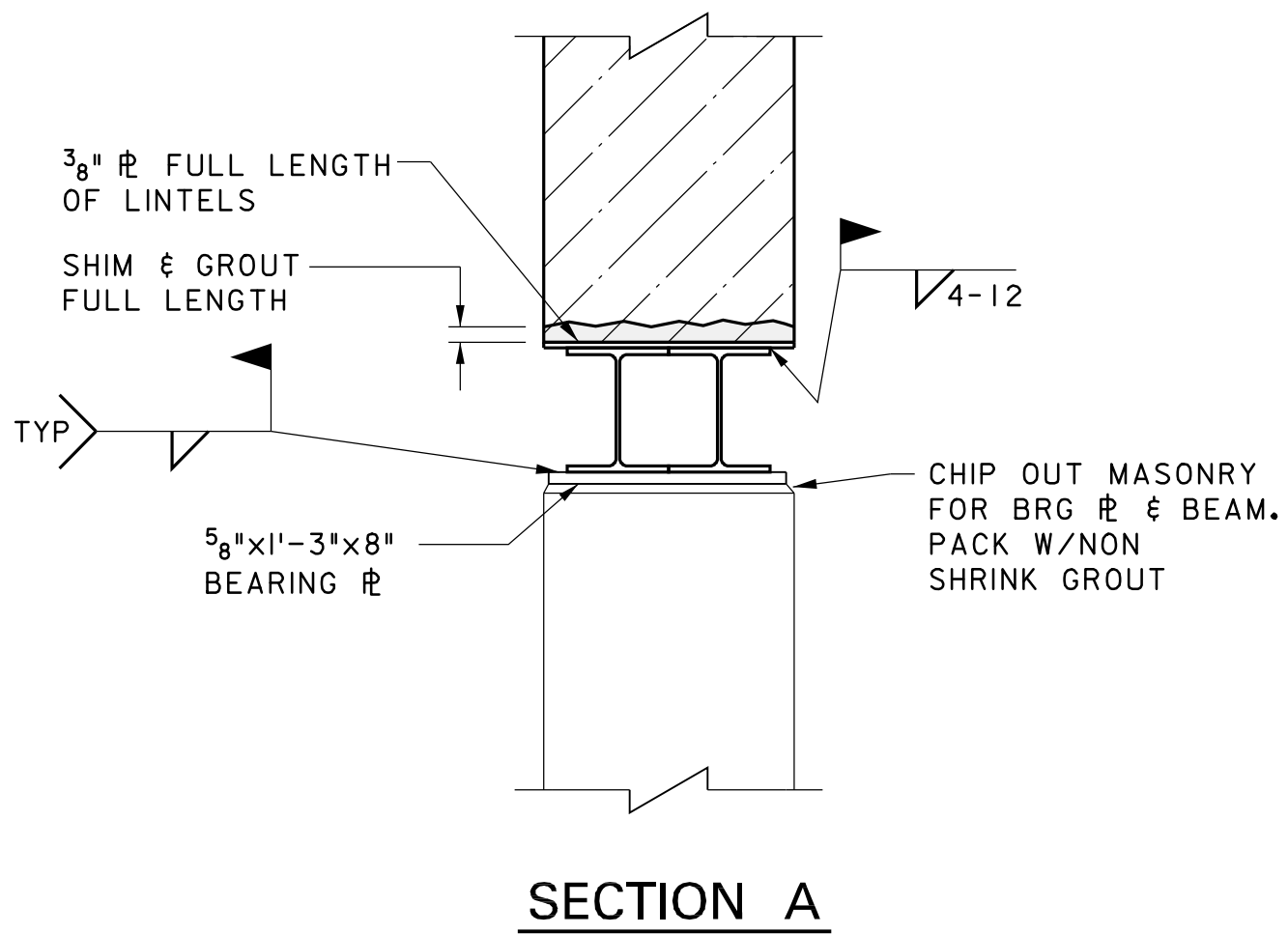
SCALE: 3/4" = 1'-0"

NOTE:
PROVIDE TEMPORARY SHORING
OF MASONRY WALL AS REQUIRED
BEFORE INSTALLING LINTEL

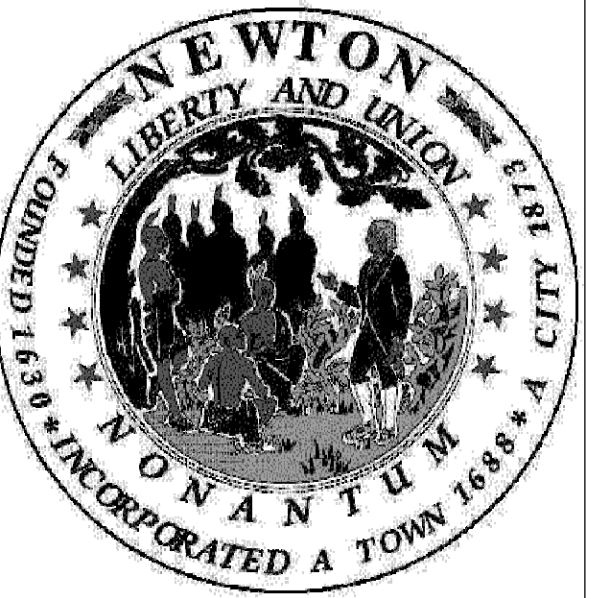


5 MASONRY WALL LINTEL

SCALE: 1/2" = 1'-0"



SECTION A



Pierce Elementary School
Accessibility Improvements
170 Temple Street
Newton, MA
City of Newton

LeMessurier Consultants, Inc.
STRUCTURAL ENGINEERS
675 MASSACHUSETTS AVENUE
CAMBRIDGE, MASSACHUSETTS 02139-3309
TEL: (617) 868-1200 FAX: (617) 661-7520
WWW.LEMESSURIER.COM

Date: 05-17-2012
Drawn By: MSR
Reviewed By: CP
Project No: 1593.02
1593.02

MK & A McGinley Kalsow & Associates, Inc.
ARCHITECTS & PRESERVATION PLANNERS
324 Broadway, P.O. Box 45248
Somerville, MA 02145
617.625.8901 - www.mcginleykalsow.com





HCP Lift &
New Work
Plans/Details

S1.1

ABBREVIATIONS












A	ABOVE
ABV	ABOVE
AC	ALTERNATING CURRENT
AD	ADDITIONAL
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
A/C	AIR CONDITIONING
AL	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
ARCH	ARCHITECTURAL
ASTM	AMERICAN TECHNICAL
ATS	AUTOMATIC TRANSFER SWITCH
BLDG	BUILDING
C	CONDUIT
CKT	CIRCUIT
CLG	CEILING
COL	COLUMN
CONC	CONCRETE
CT	CURRENT TRANSFORMER
CTE	CONNECT TO EXISTING
CU	COPPER
DIA	DIAMETER
DISC	DISTRIBUTION
DN	DOWN
DWG	DRAWING
E	EMERGENCY
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EQUIP	EQUIPMENT
EXIST	EXISTING
F/LR	FLOOR
F/A	FIRE ALARM
FBO	FURNISHED BY OWNER
FIXT	FIXTURE
FL	FLUSH
FLUOR	FLUORESCENT
FT	FEET
G	GROUND
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HGT	HEIGHT
HOA	HAND-OFF-AUTO
HORIZ	HORIZONTAL
HP	HORSEPOWER
HTG	HEATING
HVAC	HEATING, VENTILATION & AIR CONDITIONING
IN	INCHES
INCD	INCANDESCENT
J/JB	JUNCTION BOX
KW	KILOWATT
KVA	KILOVOLT-AMPERES
KWH	KILOWATT-HOURS
LA	LIGHTING
LIC	LIGHTING ARRESTOR
MACH	MACHINE
MCC	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTS	NEUTRAL TRANSFER SWITCH
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEC	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEMA	NOT IN CONTRACT
NIC	NORMALLY OPEN
NO	NOT TO SCALE
NIS	NOT TO SCALE
POLE	Pole
PH	PHASE
PNL	PANEL
PRI	PRIMARY
PWR	POWER
PT	POTENTIAL TRANSFORMER
RCPT	RECEPTACLE
RECD	REQUIRED
RM	ROOM
RMS	ROOM MEANS SQUARE
SEC	SECONDARY
SP	SPARE
SPEC(S)	SPECIFICATION(S)
ST	SHUNT TRIP
STD	STANDARD
SQ	SQUARE
STD	STANDARD
SURF	SURFACE
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYS	SYSTEM
TEL	TELEPHONE
TEMP	TEMPERATURE
TERM	TERMINAL
TV	TELEVISION
TYP	TYPICAL
UC	UNDER CABINET
UN	UNDERSINKS
UN	UNLESS OTHERWISE NOTED
V	VOLTS
W	WATTS
WP	WEATHERPROOF
XFMR	TRANSFORMER

EQUIPMENT





SYMBOL	DESCRIPTION
	JUNCTION AND/OR PULL BOX.
	30A, 250V, HORSEPOWER RATED, DISCONNECT/SERVICE SWITCH, POLES AS REQUIRED.
	DISCONNECT SWITCH, UNFUSED.
	DISCONNECT SWITCH, FUSED.

CONNECTION TO MOTOR








WIRING DEVICES

SYMBOL	DESCRIPTION
	125 VOLT, 2 POLE, 3 WIRE, 20 AMP., DUPLEX RECEPTACLE. "2" DENOTES CIRCUIT NUMBER.
	125 VOLT, 2 POLE, 3 WIRE, 20 AMP., DUPLEX RECEPTACLE EQUIPPED WITH INTEGRAL GROUND FAULT INTERRUPTER. TYPICAL FOR ALL RECEPTACLE TYPES.
	125 VOLT, 2 POLE, 3 WIRE, 20 AMP., SIMPLEX RECEPTACLE. "2" DENOTES CIRCUIT NUMBER.
	SPECIAL PURPOSE RECEPTACLES. REFER TO FLOOR PLAN AND SCHEDULE FOR DETAILS.
	SINGLE POLE TOGGLE SWITCH. "2" DENOTES SWITCH CONTROL. PROVIDE HUBBELL MODEL HBL1221 OR APPROVED EQUAL.
	THREE WAY TOGGLE SWITCH. PROVIDE HUBBELL MODEL HBL1223 OR APPROVED EQUAL.
	FOUR WAY TOGGLE SWITCH. PROVIDE HUBBELL MODEL HBL1224 OR APPROVED EQUAL.
	SINGLE POLE OCCUPANCY SENSOR TYPE WALL SWITCH. PROVIDE IN ALL CLOSETS AND SIMILAR ROOMS. PROVIDE HUBBELL MODEL AP1277W1 OR APPROVED EQUAL.
	CEILING MOUNTED OCCUPANCY SENSOR. PROVIDE HUBBELL MODEL AID2000CSP WITH CUI120A CONTROL UNIT.
	WALL MOUNTED OCCUPANCY SENSOR. PROVIDE HUBBELL MODEL AID1600WSP WITH CUI120A CONTROL UNIT.
	LUTRON NOVA 7" SERIES DIMMER, RATED FOR 1000 WATTS ON INCANDESCENT CIRCUITS AND RATED 16 AMPS ON FLUORESCENT CIRCUITS.

LIGHTING EQUIPMENT

SYMBOL	DESCRIPTION
	LUMINAIRES. REFER TO "LUMINAIRE SCHEDULE" THIS PAGE.
	CEILING MOUNTED OR WALL MOUNTED ILLUMINATED "EXIT" SIGN WITH BATTERY BACK-UP.
	PROVIDE DIRECTIONAL ARROWS AS INDICATED ON FLOOR PLANS.
	EMERGENCY LIGHTING BATTERY UNIT WITH HEADS AS INDICATED.

COMMUNICATION DEVICES

SYMBOL	DESCRIPTION
	WALL MOUNTED DATA OUTLET.
	TELEPHONE OUTLET.
	WALL MOUNTED COMBINATION TELE/DATA OUTLET.
	DENOTES DEVICE MOUNTED AT 64" AFF. (WALL PHONE HEIGHT)
	DENOTES DEVICE MOUNTED AT 42" AFF. (COUNTER-TOPI HEIGHT)
	CABLE TV OUTLET. COORDINATE LOCATION WITH OWNER.
	WIRELESS ACCESS POINT. COORDINATE WITH OWNER.




GENERAL NOTES:

1. ALL WIRING SHALL BE RUN CONCEALED UNLESS SPECIFIED OTHERWISE.
2. ALL EXPOSED CONDUIT SHALL BE RUN FLUSH TO THE STRUCTURE IN A NEAT RECTILINEAR MANNER, ALWAYS PERPENDICULAR TO WALLS.
3. ALL COMPONENTS SHOWN ON THE RISER DIAGRAMS, BUT NOT ON THE PLAN OR VICE VERSA, SHALL BE INCLUDED AS IF SHOWN ON BOTH.
4. EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS.
5. ALL RACEWAYS RUNNING THROUGH BUILDING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
6. POWER WIRING CONDUITS SHOWN ON THE DRAWING WITH MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY. THIS CONTRACTOR SHALL NOT INSTALL MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY UNLESS DONE SO STRICTLY BY THE NATIONAL ELECTRIC CODE.

LUMINAIRE NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL FIXTURES COMPLETE WITH MOUNTING ACCESSORIES TO MEET JOB CONDITIONS.
2. THE ELECTRICAL CONTRACTOR SHALL VERIFY FIXTURE MOUNTING AND LOCATION AGAINST PLANS, ELEVATIONS AND DETAIL DRAWINGS. EXACT LOCATIONS OF ALL FIXTURES SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO ROUGHING-IN.
3. ALL FLUORESCENT LAMPS ARE TO BE 3500°K, T8 COTRON, UNLESS OTHERWISE SPECIFIED. BALLASTS ARE TO BE ELECTRONIC TYPE W/ <20% THD, UNLESS OTHERWISE SPECIFIED.
4. ALL INCANDESCENT LAMPS SHALL BE RATED AT 130 VOLTS UNLESS OTHERWISE SPECIFIED.
5. ALL FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, INDEPENDENT OF HUNG CEILINGS.










CIRCUITRY, RACEWAYS AND FEEDERS

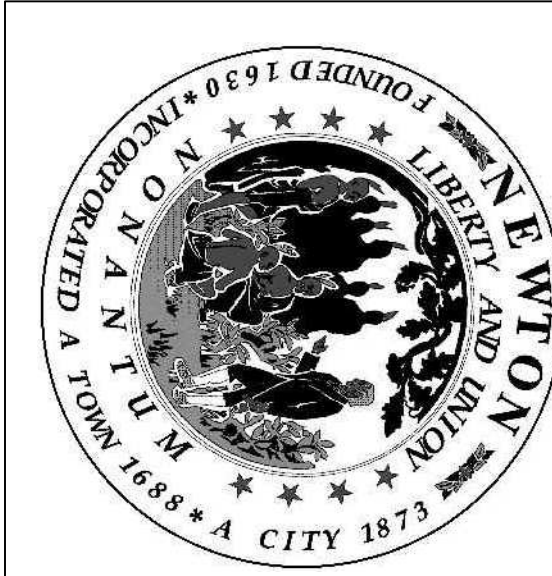
SYMBOL	DESCRIPTION
	POWER RUN TO PANEL, "PP1", POLE 37, VIA 1 POLE C/B, EACH 20 VOLT CIRCUIT SHALL HAVE A DEDICATED NEUTRAL AND SEPARATE GROUNDING CONDUCTOR.
	POWER RUN TO PANEL, "PP2", POLES 7 & 9 VIA 2 POLE CIRCUIT BREAKER.
	HOMERUN TO PANEL, "MDP", POLES 2, 4 & 6 VIA 3 POLE CIRCUIT BREAKER.

MULTIWIRE BRACH CIRCUITS SHALL NOT BE PERMITTED. (NO NETWORKS)

	TYPICAL EQUIPMENT TAGS. PROVIDE WIRING, DEVICES AND CONNECTIONS AS SHOWN ON SCHEDULE.
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NOTATIONS:

	DENOTES EXISTING TO BE DEMOLISHED
	DENOTES EXISTING TO REMAIN
	DENOTES NEW EQUIPMENT OR WIRING
	CIRCUITRY TURNING UP.
	CIRCUITRY TURNING DOWN.
	XM - EXISTING TO REMAIN
	XD - EXISTING TO BE DEMOLISHED
	XR - EXISTING TO BE RELOCATED
	XL - EXISTING SHOWN RELOCATED



Peirce Elementary School
Accessibility Improvements
170 Temple Street
Newton, MA

City of Newton

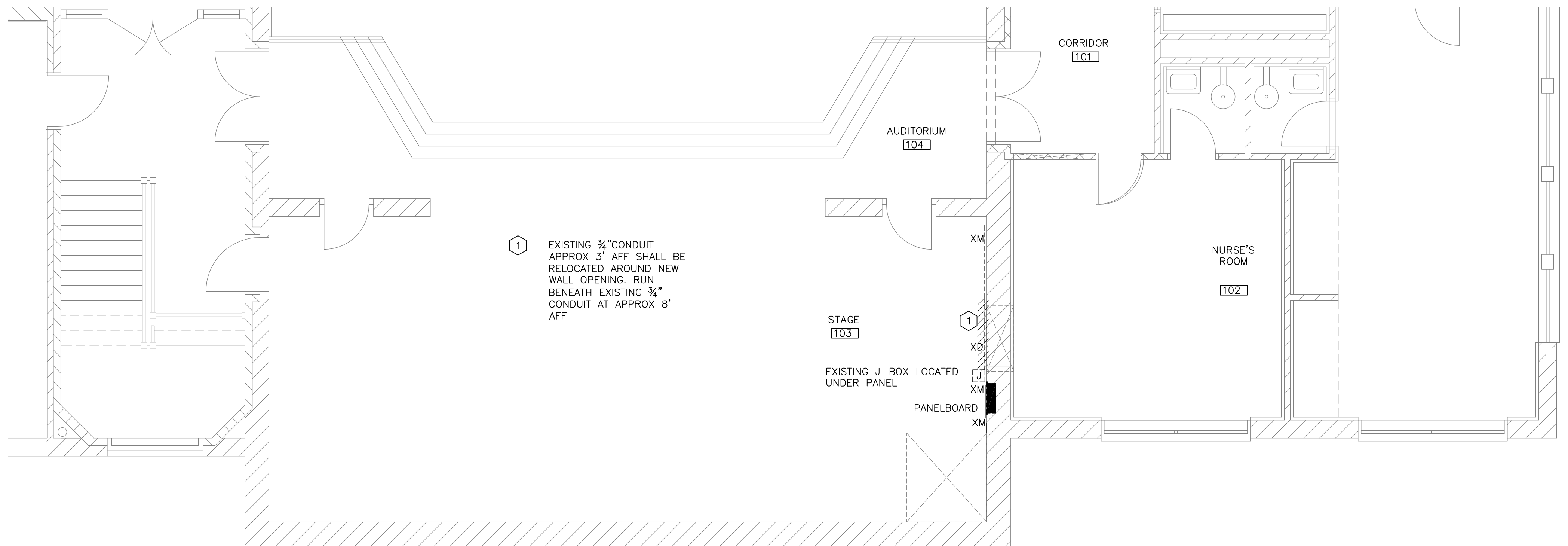
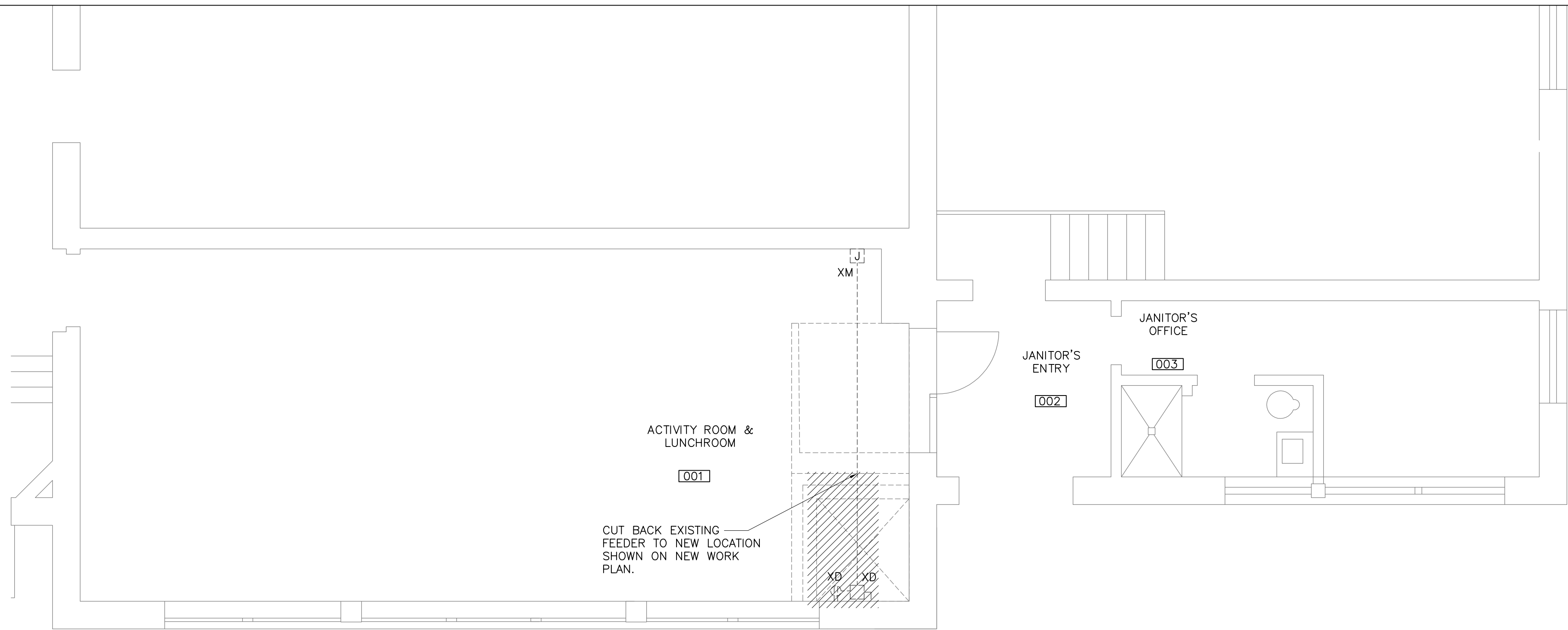


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Drawn By: WSJ
Reviewed By: HGG
Project No: 1593.02

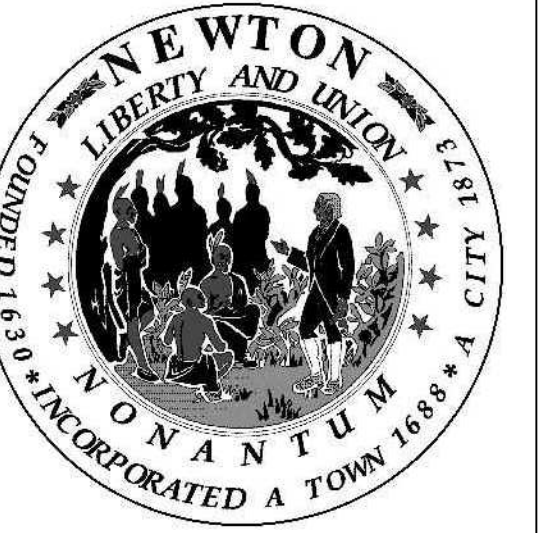


Electrical
Demo & New
Work Plans

E1.0



PARTIAL UPPER LEVEL DEMOLITION PLAN
1/4"=1'-0"



Peirce Elementary School
Accessibility Improvements
170 Temple Street
Newton, MA
City of Newton

MacRITCHIE ENGINEERING INCORPORATED
197 Quincey Avenue, Braintree, MA 02104
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E-mail: info@macritchie.net

Date: 05-17-2012

Drawn By: WSJ

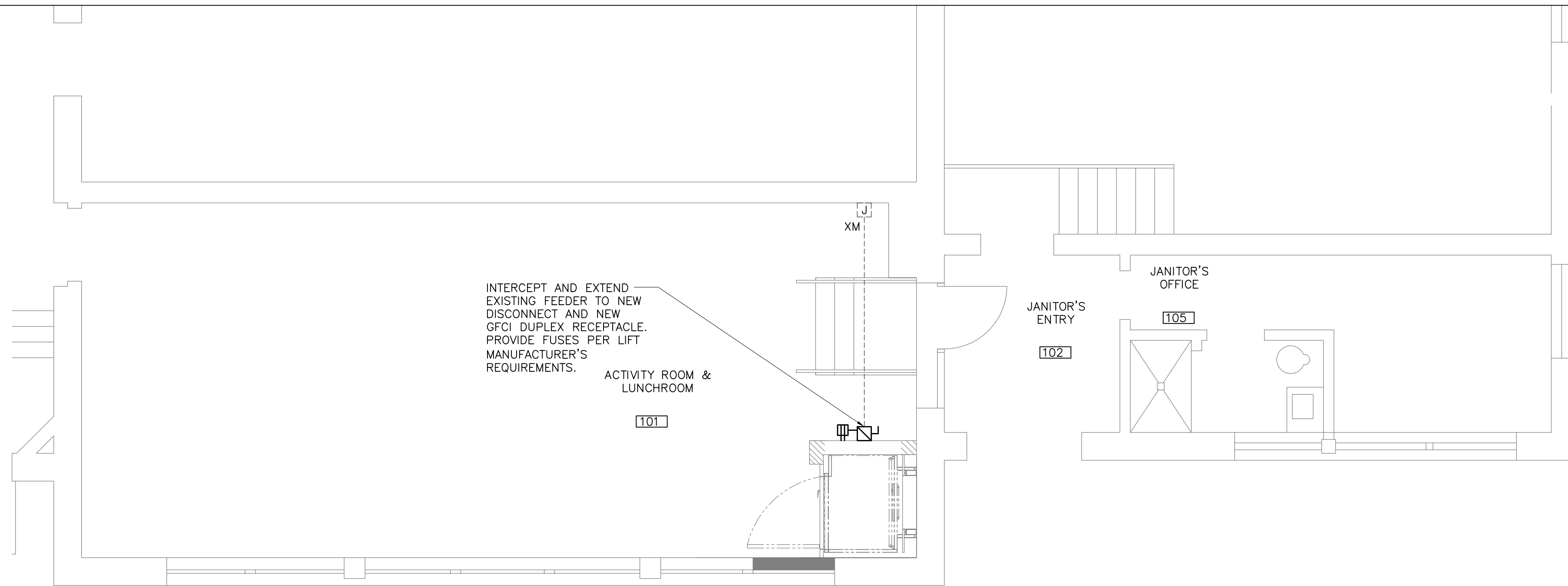
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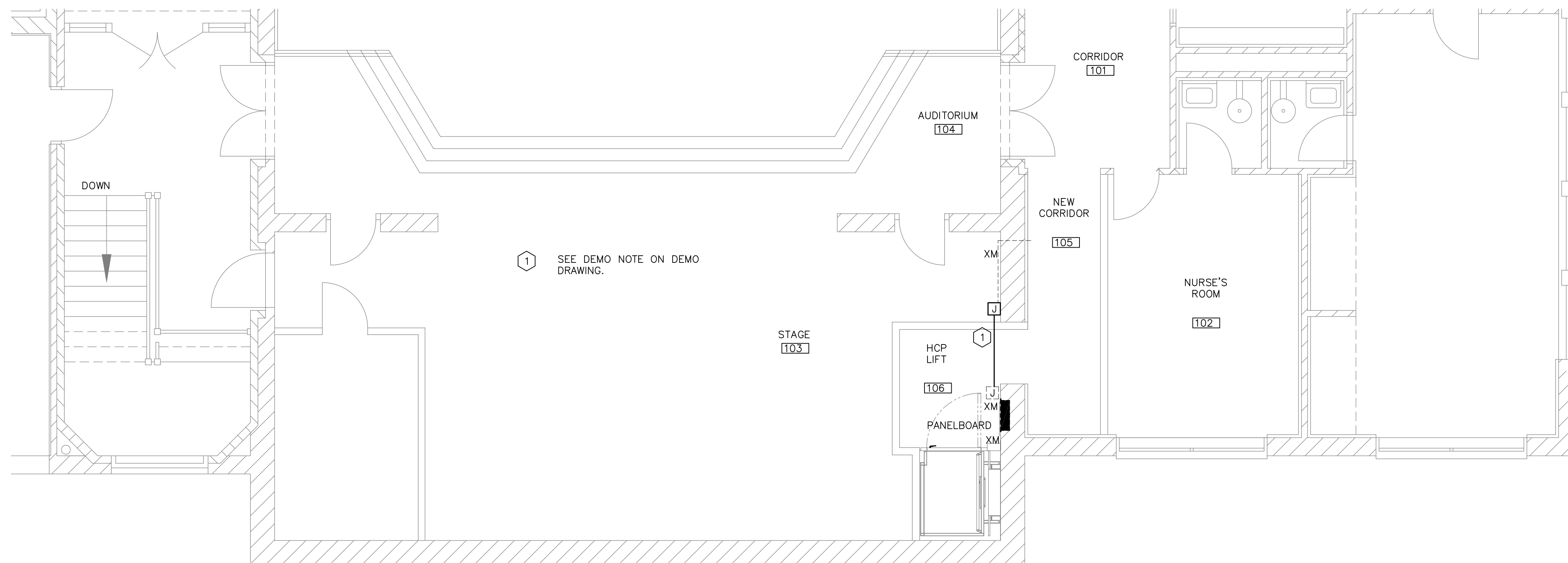
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ARCHITECTS & PRESERVATION PLANNERS
324 Broadway, P.O. Box 45248
Somerville, MA 02145
617.625.8901 - www.mcginleykalsow.com

Electrical
Demolition
Part Plans

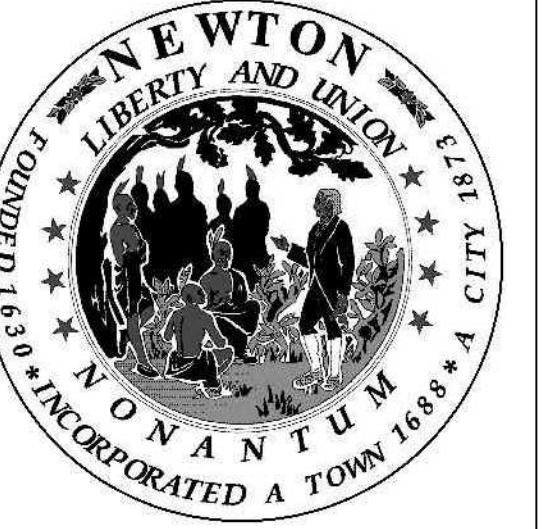
E2.0



PARTIAL LOWER LEVEL, NEW WORK PLAN
1/4"=1'-0"



PARTIAL UPPER LEVEL, NEW WORK PLAN
1/4"=1'-0"



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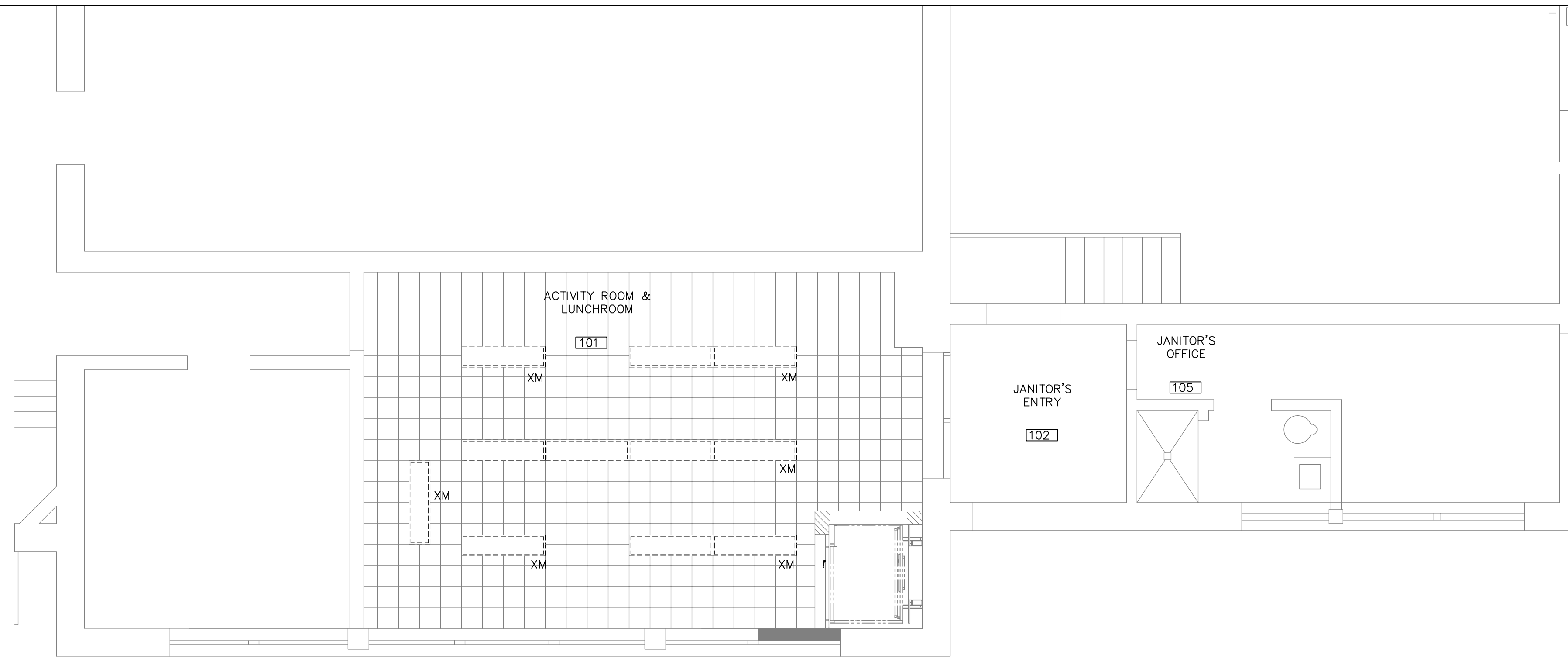
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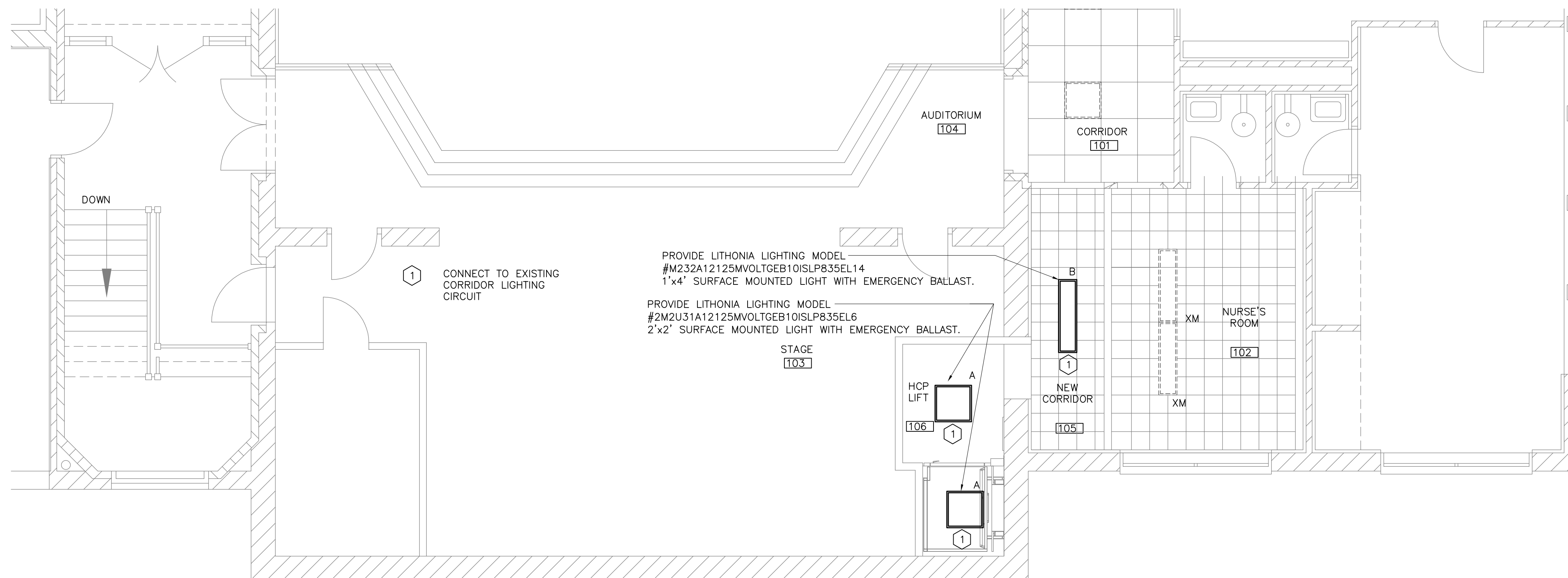
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Electrical
Power Wiring
Part Plans

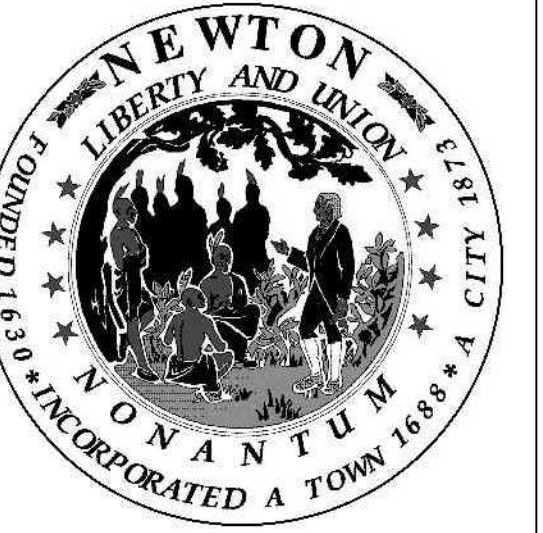
E3.0



PARTIAL LOWER LEVEL RCP
1/4"=1'-0"



PARTIAL UPPER LEVEL RCP
1/4"=1'-0"



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Electrical
Lighting
Part Plans

E3.1